

**SIEMENS**

Configuration Manual

# Low Voltage Protection Devices

Selectivity tables

Selectivity Tables Low Voltage Protection  
Devices

Edition

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[siemens.com/lowvoltage](https://www.siemens.com/lowvoltage)


## Legal information

### Qualified Personnel

The product/system described in this documentation may be operated only by **personnel qualified** for the specific task in accordance with the relevant documentation, in particular its warning notices and safety instructions. Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential hazards when working with these products/systems.

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## 2 Introduction

Product characteristics and limit values within this table are exclusively valid for orderable products in consideration of a possible suffix inside the product-order-number.

Products w/o suffix are products with global marketing (MLFB Addition '-'). Limit values are exclusively valid for those product-variants.

Special or regional product-variants are registered with specific suffix in product-order-number. (Examples: 5SY41016-CC11, 5SU13537-KL06, 3NA3001-RC) Tables and limit values reported with a specific MLFB-Addition like "CC" or "RC" or "OEZ" or "Electrium" are exclusively valid for special or regional product-variants with this specific suffix inside the product-order-number.

### 2.1 Notes regarding selectivity tables

For breakers with adjustable trip unit: the limit current with selectivity  $I_s$  [kA] apply to the maximum value  $I_{max}$ .

Limit values for total selectivity "T" refer to breaking capacity  $I_{cu}$  of downstream MCB/RCBO.

### 2.2 Notes regarding backup-protection tables

Independent of any Backup value in this table, the maximum available current of the circuit where the upstream breaker is used may not exceed its short circuit rating ( $I_{cu}$ ).

## Air circuit breaker as upstream device

in combination with molded case circuit breaker as downstream devices

### 3WA1 - 3VA

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1												
					Application	LineProtection												
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	Productline	I												
						ETU300				ETU300			ETU300		ETU300			
						55				55 / 66 / 85	55 / 66 / 85 / 100		66	66 / 85 / 100				
					In[A]	800	1250	1600	2500	2000	630	1000	1600	800	1250	2500		
3VA1	LineProtection	100A	TM210	16 / 25 / 36	16 / 20 / 25 / 32 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	T	
		160A	TM210 / TM220 / TM240	25	16 / 20 / 25 / 32 / 40 / 50 / 63 / 80 / 100 / 125 / 160	T	T	T	T	T	T	T	T	T	T	T	T	T
				36	16 / 20 / 25 / 32 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T
				36 / 55	125 / 160	T	T	T	T	T	35	T	T	T	T	T	T	
				55 / 70	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T	T	T	T	T
					40 / 50 / 63 / 80 / 100	T	T	T	T	T	36	T	T	T	T	T	T	
				70	125 / 160	T	T	T	T	T	35	T	T	60	T	T		
		250A	TM240	160 / 200 / 250	23	T	T	T	T	T	19	T	T	23	T	T		
				55 / 70	23	T	T	T	T	19	42	T	23	T	T			
		400A	TM240	320 / 400	70 / 36 / 110	14	T	T	T	T	8.5	25	T	14	T	T		
					55 / 70	14	T	T	T	T	8.5	25	T	14	55	T		
		630A	TM220 / TM240	500 / 630	70 / 36 / 110	12	T	T	T	T	8.5	16	T	12	T	T		
					55 / 36	12	43	T	T	T	8.5	16	T	12	43	T		
					70 / 55 / 110	12	43	T	T	T	8.5	16	T	12	43	T		
					110	12	43	T	T	T	8.5	16	T	12	43	T		
		1000A	TM240	55	630	9.4	15	36	T	45		12	36	9.4	15	T		
					800	9.4	15	36	T	45		12	36	9.4	15	T		
					1000			18	T	33		18			T			
	70 / 110			630	9.4	15	36	T	45		12	36	9.4	15	59			
				800	9.4	15	36	T	45		12	36	9.4	15	59			
				1000			18	T	33		18				59			
	160A			TM110M	55 / 70	1 / 2 / 4 / 8 / 12.5	T	T	T	T	T	T	T	T	T	T	T	T
				TM120M	55	125	T	T	T	T	T	35	T	T	T	T	T	
		55 / 70	20 / 32		T	T	T	T	T	T	T	T	T	T	T			
			40 / 50 / 63 / 80 / 100		T	T	T	T	T	36	T	T	T	T	T			
		70	125		T	T	T	T	T	35	T	T	60	T	T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1				
					Application	LineProtection				
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	ETU300		ETU600			
				In[A]	85 / 100	100	55 / 66 / 85 / 100			
					1600	2000	630	800	1000 / 1250 / 1600 / 2000 / 2500	
3VA1	LineProtection	100A	TM210	16 / 25 / 36	16 / 20 / 25 / 32 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T
		160A	TM210 / TM220 / TM240	25	16 / 20 / 25 / 32 / 40 / 50 / 63 / 80 / 100 / 125 / 160	T	T	T	T	T
				36	16 / 20 / 25 / 32 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T
				36 / 55	125 / 160	T	T	T	T	T
				55 / 70	16 / 20 / 25 / 32	T	T	T	T	T
					40 / 50 / 63 / 80 / 100	T	T	T	T	T
				70	125 / 160	T	T	T	T	T
		250A	TM240	36 / 55 / 70	160 / 200 / 250	T	T	T	T	T
				55 / 70		T	T	T	T	T
		400A	TM240	70 / 110	320 / 400	T	T	T	T	T
				36 / 55 / 70		T	T	T	T	T
		630A	TM220 / TM240	70 / 110	500 / 630	T	T	T	T	T
				36 / 55 / 70		T	T	T	T	T
				70 / 110		67	T	T	T	T
				55 / 70						
		1000A	TM240	55	630	36	45	T	T	T
					800	36	45		T	T
					1000	18	33			T
	630				36	45	T	T	T	
	70 / 110			800	36	45		T	T	
				1000	18	33			T	



Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1												
					Application	LineProtection												
					FrameSize	I												
					Tripunitytype	ETU300												
					Icu[kA]	55				55 / 66 / 85	55 / 66 / 85 / 100		66	66 / 85 / 100				
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	800	1250	1600	2500	2000	630	1000	1600	800	1250	2500		
3VA1	Starter-Protection	250A	TM120M	55 / 70	160 / 200	23	T	T	T	T	19	42	T	23	T	T		
				55	250 / 320	10	27	T	T	T	8.2	20	T	10	27	T		
				70		10	27	T	T	T	8.2	20	62	10	27	T		
				110		10	27	T	T	T	8.2	20	62	10	27	T		
		630A		55	400 / 500	10	43	T	T	T	8.2	16	T	10	43	T		
				70 / 110		10	43	T	T	T	8.2	16	T	10	43	T		
		1000A		55	630			18	T	33			18					T
					800			18	T	33			18					T
				70 / 110	630			18	T	33			18					59
					800			18	T	33			18					59

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1					
					Application	LineProtection					
					FrameSize	I					
					Tripunitytype	ETU300		ETU600			
					Icu[kA]	85 / 100	100	55 / 66 / 85 / 100			
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	1600	2000	630	800	1000 / 1250 / 1600 / 2000 / 2500	
3VA1	Starter-Protection	250A	TM120M	55 / 70	160 / 200	T	T	T	T	T	
				55	250 / 320	T	T	T	T	T	
				70		62	T	T	T	T	
				110		62	93	T	T	T	
		630A		55	400 / 500	T	T	T	T	T	T
				70 / 110		67	T	T	T	T	
		1000A		55	630	18	33	T	T	T	T
					800	18	33		T	T	
				70 / 110	630	18	33	T	T	T	
					800	18	33		T	T	

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1									
					Application	LineProtection									
					FrameSize	II									
					Tripunitytype	ETU300						ETU600			
					Un[V]Fuses	690						n.a.	690		
					Icu[kA]	66	66 / 85	66 / 85 / 100 / 130	85 / 100		100 / 130	130	66 / 85 / 100	66 / 85 / 100 / 130	
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	3200 / 4000	2000	2500	3200	4000	2000	3200	4000	2000 / 2500 / 3200	
3VA1	LineProtection	100A	TM210	16 / 25 / 36	16 / 20 / 25 / 32 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	
		160A	TM210 / TM220 / TM240	25 / 36 / 55 / 70	16 / 20 / 25 / 32 / 40 / 50 / 63 / 80 / 100 / 125 / 160	T	T	T	T	T	T	T	T	T	
		250A	TM240	36 / 55 / 70	160 / 200 / 250	T	T	T	T	T	T	T	T	T	
		630A / 400A	TM220 / TM240	36 / 55 / 70 / 110	320 / 400	T	T	T	T	T	T	T	T	T	T
					500 / 630	T	T	T	T	T	T	T	T	T	
		1000A	TM240	55	630 / 800	T	45	T	T	T	45	T	T	T	T
					1000	T	33	T	T	T	33	T	T	T	
				70	630 / 800	T	45	59	T	T	45	T	T	T	
					1000	T	33	59	T	T	33	T	T	T	
				110	630 / 800	T	45	59	T	T	45	103	T	T	
					1000	T	33	59	75	T	33	75	T	T	
		Starter-Protection	160A	TM110M	55 / 70	1 / 2 / 4 / 8 / 12.5	T	T	T	T	T	T	T	T	T
	20 / 32 / 40 / 50 / 63 / 80 / 100 / 125					T	T	T	T	T	T	T	T		
	250A		TM120M	55 / 70	160 / 200	T	T	T	T	T	T	T	T		
					250 / 320	T	T	T	T	T	93	T	T		
	630A / 400A		TM120M	55 / 70 / 110	400 / 500	T	T	T	T	T	T	T	T		
					1100A	TM120M	55 / 70 / 110	630 / 800	T	33	T	T	T	33	T
	T		33	59					T	T	33	T	T		
	T		33	59	75	T	33	75	T	T					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1			
					Application	LineProtection			
					FrameSize	III			
					Tripunittype	ETU300 / ETU600			
					Icu[kA]	100 / 130 / 150			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	4000 / 5000 / 6300			
3VA1	LineProtection			100A	TM210	16 / 25 / 36	16 / 20 / 25 / 32 / 40 / 50 / 63 / 80 / 100	T	
	LineProtection			160A	TM210 / TM220 / TM240	25 / 36 / 55 / 70	16 / 20 / 25 / 32 / 40 / 50 / 63 / 80 / 100 / 125 / 160	T	
	LineProtection			250A	TM240	36 / 55 / 70	160 / 200 / 250	T	
	LineProtection			400A	TM220 / TM240	36 / 55 / 70 / 110	320 / 400	T	
	LineProtection			630A			500 / 630	T	
	LineProtection			1000A	TM240	55 / 70 / 110	630 / 800 / 1000	T	
	Starter-Protection			160A	TM110M	55 / 70	1 / 2 / 4 / 8 / 12.5	T	
	Starter-Protection						TM120M	55 / 70 / 110	20 / 32 / 40 / 50 / 63 / 80 / 100 / 125
	Starter-Protection				250A	160 / 200			T
	Starter-Protection				400A	250 / 320			T
	Starter-Protection				630A	400 / 500			T
	Starter-Protection				1000A	630 / 800	T		

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1													
					Application	LineProtection													
					FrameSize	I													
					Tripunitytype	ETU300													
					Icu[kA]	55			55 / 66		55 / 66 / 85	55 / 66 / 85 / 100	66	66 / 85 / 100		85 / 100			
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	1600	2000	2500	800	1000	1250	630	2500	1600	2000	800	1000	2500	
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T	T	T	28	T	T	T	T	T	T	
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	25 / 40 / 63 / 100	T	T	T	T	T	T	T	28	T	T	T	77	T	T
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55		T	T	T	T	T	T	28	T	T	T	T	T	T	T
			ETU330 / ETU560	36 / 55		T	T	T	T	T	T	28	T	T	T	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1									
					Application	LineProtection									
					FrameSize	I									
					Tripunitytype	ETU300		ETU600							
					Icu[kA]	100	55				55 / 66 / 85 / 100		66		
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	1250	800	1000	1250	1600 / 2000 / 2500	630	800	1000	1250	1600 / 2000 / 2500
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T	T	T	T	T	T	T
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T	T
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55		T	T	T	T	T	T	T	T		
			ETU330 / ETU560	36 / 55		T	T	T	T	T	T	T	T		

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1							
					Application	LineProtection							
					FrameSize	I							
					Tripunitytype	ETU600							
					Icu[kA]	85				100			
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	800	1000	1250	1600 / 2000 / 2500	800	1000	1250	1600 / 2000 / 2500
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110		T	T	T	T	T	T	T	
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55		T	T	T	T	T	T	T	
			ETU330 / ETU560	36 / 55		T	T	T	T	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1												
					Application	LineProtection												
					FrameSize	I												
					Tripunitytype	ETU300												
					Icu[kA]	55			55 / 66		55 / 66 / 85	55 / 66 / 85 / 100	66	66 / 85 / 100		85 / 100		
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	1600	2000	2500	800	1000	1250	630	2500	1600	2000	800	1000	2500
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55	25 / 40 / 63 / 100 / 160	T	T	T	35	T	T	19	T	T	T	35	T	T
				85 / 110		T	T	T	35	T	T	19	T	T	T	35	72	T
			ETU320 / ETU330 / ETU560	36	160	T	T	T	35	T	T	19	T	T	T	35	T	T
				ETU340		55	25 / 40 / 63 / 100	T	T	T	35	T	T	19	T	T	T	35
			85 / 110		T	T		T	35	T	T	19	T	T	T	35	72	T
			250A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85	160 / 250	T	T	T	25	47	T	15	T	T	T	25	47
		110			T		T	T	25	47	T	15	T	T	T	25	47	T
		ETU320 / ETU330 / ETU560		36	250	T	T	T	25	T	T	15	T	T	T	25	T	T



Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1												
					Application	LineProtection												
					FrameSize	I												
					Tripunittype	ETU300	ETU600											
					Icu[kA]	100	55					55 / 66 / 85 / 100	66					
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	1250	800	1000	1250	1600 / 2000 / 2500	630	800	1000	1250	1600 / 2000 / 2500			
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55	25 / 40 / 63 / 100 / 160	T	T	T	T	T	T	T	T	T	T	T		
				85 / 110		T	T	T	T	T	T	T	T	T	T			
			ETU320 / ETU330 / ETU560	36	160	T	T	T	T	T	T	T	T	T	T	T	T	
			ETU340	55	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T
				85 / 110		T	T	T	T	T	T	T	T	T	T	T		
			250A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85	160 / 250	T	T	T	T	T	T	T	T	T	T	T	T
		110			96		T	T	T	T	T	T	T	T	T			
		ETU320 / ETU330 / ETU560		36	250	T	T	T	T	T	T	T	T	T	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1								
					Application	LineProtection								
					FrameSize	I								
					Tripunitytype	ETU600								
					Icu[kA]	85				100				
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	800	1000	1250	1600 / 2000 / 2500	800	1000	1250	1600 / 2000 / 2500	
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55	25 / 40 / 63 / 100 / 160	T	T	T	T	T	T	T	T	
				85 / 110		T	T	T	T	T	T	T		
			ETU320 / ETU330 / ETU560	36	160	T	T	T	T	T	T	T	T	T
			ETU340	55	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T
				85 / 110		T	T	T	T	T	T	T	T	
			250A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85	160 / 250	T	T	T	T	T	T	T	T
		110			T		T	T	T	T	T	T	T	
		ETU320 / ETU330 / ETU560		36	250	T	T	T	T	T	T	T	T	T

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1												
					Application	LineProtection												
					FrameSize	I												
					Tripunitytype	ETU300												
					Icu[kA]	55			55 / 66		55 / 66 / 85	55 / 66 / 85 / 100	66	66 / 85 / 100		85 / 100		
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	1600	2000	2500	800	1000	1250	630	2500	1600	2000	800	1000	2500
3VA2	LineProtection	250A	ETU340	55 / 85	160	T	T	T	25	47	T	15	T	T	T	25	47	T
				110		T	T	T	25	47	T	15	T	T	T	25	47	T
			ETU345	55		T	T	T	25	47	T	15	T	T	T	25	47	T
		400A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	250 / 400	T	T	T	14	22	40	8.9	T	T	T	14	22	T
						250	T	T	T	14	22	40	8.9	T	T	T	14	22
			ETU345	250	T	T	T	14	22	40	8.9	T	T	T	14	22	T	
		630A	ETU320 / ETU330 / ETU340 / ETU345 / ETU350	55	400 / 630	T	T	T	11	20	30	8.2	T	T	T	11	20	T
						85 / 110	T	T	T	11	20	30	8.2	T	55	T	11	20

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1										
					Application	LineProtection										
					FrameSize	I										
					Tripunitytype	ETU300	ETU600									
					Icu[kA]	100	55				55 / 66 / 85 / 100		66			
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	1250	800	1000	1250	1600 / 2000 / 2500	630	800	1000	1250	1600 / 2000 / 2500	
3VA2	LineProtection	250A	ETU340	55 / 85	160	T	T	T	T	T	T	T	T	T	T	
				110		96	T	T	T	T	T	T	T	T		
			55	T		T	T	T	T	T	T	T	T			
		400A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	250 / 400	40	T	T	T	T	T	T	T	T	T	T
						250	40	T	T	T	T	T	T	T	T	
			ETU340	250	40	T	T	T	T	T	T	T	T			
		630A	ETU320 / ETU330 / ETU340 / ETU345 / ETU350	55	400 / 630	30	T	T	T	T	T	T	T	T	T	
						85 / 110	30	T	T	T	T	T	T	T		
			ETU320 / ETU330 / ETU340 / ETU350	30	T	T	T	T	T	T	T					

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1							
					Application	LineProtection							
					FrameSize	I							
					Tripunitytype	ETU600							
					Icu[kA]	85				100			
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	800	1000	1250	1600 / 2000 / 2500	800	1000	1250	1600 / 2000 / 2500
3VA2	LineProtection	250A	ETU340	55 / 85	160	T	T	T	T	T	T	T	T
				110		T	T	T	T	T	T	T	
			ETU345	55		T	T	T	T	T	T	T	
		400A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	250 / 400	T	T	T	T	T	T	T	T
						ETU340	250	T	T	T	T	T	T
			ETU345	250	T	T	T	T	T	T	T		
		630A	ETU320 / ETU330 / ETU340 / ETU345 / ETU350	55	400 / 630	T	T	T	T	T	T	T	T
						ETU330 / ETU350	85 / 110	T	T	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1																	
					Application	LineProtection																	
					FrameSize	I																	
					Tripunitytype	ETU300																	
					Icu[kA]	55			55 / 66		55 / 66 / 85	55 / 66 / 85 / 100	66	66 / 85 / 100		85 / 100							
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	1600	2000	2500	800	1000	1250	630	2500	1600	2000	800	1000	2500					
3VA2	LineProtection	630A	ETU550 / ETU560 / ETU850 / ETU860	55	400 / 500 / 630	T	T	T	11	20	30	8.2	T	T	T	11	20	T					
				85 / 110		T	T	T	11	20	30	8.2	T	55	T	11	20	T					
			1000A	ETU320 / ETU330 / ETU340 / ETU345 / ETU350 / ETU550 / ETU860	55	630	26	T	T							T	26	T				T	
						1000	19	34	T							T	19	34				T	
		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		55	800	26	T	T							T	26	T				T		
					630	26	T	T						T	26	55				66			
					800	26	T	T						T	26	55					66		
					1000	19	34	T						55	19	34						55	
		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		85 / 110	55	1250	19	34	T							T	19	34				T	
						85 / 110	19	34	T					55	19	34						55	
			1600A			ETU320 / ETU350 / ETU360 / ETU650 / ETU660	55	800	15	20	26						26	15	20				26
								1000	15	20	26				26	15	20					26	
		1250			20			26				26		20					26				
		1600						26				26							26				
		ETU320 / ETU350 / ETU360 / ETU650 / ETU660	85 / 110	55	800	15	20	26						26	15	20				26			
					1000	15	20	26				26	15	20					26				
					1250		20	26				26		20					26				
					1600			26				26							26				

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1												
					Application	LineProtection												
					FrameSize	I												
					Tripunitytype	ETU300	ETU600											
					Icu[kA]	100	55				55 / 66 / 85 / 100	66						
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	1250	800	1000	1250	1600 / 2000 / 2500	630	800	1000	1250	1600 / 2000 / 2500			
3VA2	LineProtection	630A	ETU550 / ETU560 / ETU850 / ETU860	55	400 / 500 / 630	30	T	T	T	T	T	T	T	T	T			
				85 / 110		30	T	T	T	T	T	T	T	T				
				1000A	ETU320 / ETU330 / ETU340 / ETU345 / ETU350 / ETU550 / ETU860	55	630		T	T	T	T	T	T	T	T	T	T
							1000			T	T	T			T	T	T	
		1250A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		55	800		T	T	T	T		T	T	T	T		
					85 / 110	630		T	T	T	T	T	T	T	T	T		
						800		T	T	T	T		T	T	T	T		
						1000			T	T	T			T	T	T		
		1600A	ETU320 / ETU350 / ETU360 / ETU660		55	85 / 55	1250			T	T					T	T	
						85 / 110										T	T	
				85 / 110	800		32	32	32	32		43	43	43	43			
					1000			32	32	32			43	43	43			
			1250					32	32				43	43				
			1600						32					43				
			85 / 110	800		32	32	32	32		43	43	43	43				
				1000			32	32	32			43	43	43				
		1250					32	32				43	43					
		1600						32					43					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1								
					Application	LineProtection								
					FrameSize	I								
					Tripunitytype	ETU600								
					Icu[kA]	85				100				
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	800	1000	1250	1600 / 2000 / 2500	800	1000	1250	1600 / 2000 / 2500	
3VA2	LineProtection	630A	ETU550 / ETU560 / ETU850 / ETU860	55	400 / 500 / 630	T	T	T	T	T	T	T	T	
				85 / 110		T	T	T	T	T	T	T		
		1000A	ETU320 / ETU330 / ETU340 / ETU345 / ETU350 / ETU550 / ETU860	55		630	T	T	T	T	T	T	T	T
						1000		T	T	T		T	T	T
		1250A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55		800	T	T	T	T	T	T	T	T
						630	T	T	T	T	T	T	T	
						800	T	T	T	T	T	T	T	
						1000		T	T	T		T	T	T
		85 / 110	55			1250			T	T			T	T
						85 / 110			T	T			T	T
		1600A	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	55		800	T	T	T	T	T	T	T	T
						1000		T	T	T		T	T	T
						1250			T	T			T	T
						1600				T				T
				85 / 110	800	72	72	72	72	T	T	T	T	
					1000		72	72	72		T	T	T	
					1250			72	72			T	T	
					1600				72				T	



Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3WA1															
				Application	LineProtection															
				FrameSize	I															
				Tripunitytype	ETU300															
				Icu[kA]	55			55 / 66		55 / 66 / 85	55 / 66 / 85 / 100	66	66 / 85 / 100		85 / 100					
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	1600	2000	2500	800	1000	1250	630	2500	1600	2000	800	1000	2500		
3VA2	Motor-Protection	160A	ETU350M / ETU550M / ETU860M	55	25 / 40 / 63 / 100	T	T	T	35	T	T	19	T	T	T	35	T	T		
				110		T	T	T	35	T	T	19	T	T	T	35	72	T		
		250A		55	160 / 200	T	T	T	25	47	T	15	T	T	T	25	47	T		
				110		T	T	T	25	47	T	15	T	T	T	25	47	T		
		400A		55 / 110	250	T	T	T	14	22	40	8.9	T	T	T	14	22	T		
				110		T	T	T	11	20	30	8.2	T	T	T	11	20	T		
		630A		55	400 / 500	T	T	T	11	20	30	8.2	T	T	T	11	20	T		
				110		T	T	T	11	20	30	8.2	T	55	T	11	20	T		
	1000A	55	630	T	T	T							T	19	34			T		
		110		T	T	T							T	19	34			T		
	Starter-Protection	160A	ETU310M	110	55	630	19	34	T					55	19	34			55	
					110		19	34	T				55	19	34			55		
					250A	55	25 / 40 / 63 / 100	T	T	T	35	T	T	19	T	T	T	35	72	T
						110		T	T	T	25	47	T	15	T	T	T	25	47	T
		400A			55	160	T	T	T	25	47	T	15	T	T	T	25	47	T	
					110		T	T	T	14	22	40	8.9	T	T	T	14	22	T	
630A		55			250	T	T	T	14	22	40	8.9	T	T	T	14	22	T		
		110				T	T	T	11	20	30	8.2	T	55	T	11	20	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1										
					Application	LineProtection										
					FrameSize	I										
					Tripunitytype	ETU300	ETU600									
					Icu[kA]	100	55				55 / 66 / 85 / 100	66				
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	1250	800	1000	1250	1600 / 2000 / 2500	630	800	1000	1250	1600 / 2000 / 2500	
3VA2	Motor-Protection	160A	ETU350M / ETU550M / ETU860M	55	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T	T	
				110		T	T	T	T	T	T	T	T	T		
		250A		55	160 / 200	T	T	T	T	T	T	T	T	T	T	T
				110		96	T	T	T	T	T	T	T	T	T	
		400A		55 / 110	250	40	T	T	T	T	T	T	T	T	T	T
				55		400 / 500	30	T	T	T	T	T	T	T	T	T
		630A		110	30		T	T	T	T	T	T	T	T	T	T
				1000A	55	630	T	T	T	T	T	T	T	T	T	T
		800				T	T	T	T	T	T	T	T	T	T	T
		110			630	T	T	T	T	T	T	T	T	T	T	T
	800		T		T	T	T	T	T	T	T	T	T	T		
	ETU310M	110	25 / 40 / 63 / 100		T	T	T	T	T	T	T	T	T	T	T	
			160		96	T	T	T	T	T	T	T	T	T	T	
			250		40	T	T	T	T	T	T	T	T	T	T	
			400		30	T	T	T	T	T	T	T	T	T	T	

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1								
					Application	LineProtection								
					FrameSize	I								
					Tripunitytype	ETU600								
					Icu[kA]	85				100				
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	800	1000	1250	1600 / 2000 / 2500	800	1000	1250	1600 / 2000 / 2500	
3VA2	Motor-Protection	160A	ETU350M / ETU550M / ETU860M	55	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	
				110		T	T	T	T	T	T	T		
		250A		55	160 / 200	T	T	T	T	T	T	T	T	T
				110		T	T	T	T	T	T	T		
		400A		55 / 110	250	T	T	T	T	T	T	T	T	T
				55		400 / 500	T	T	T	T	T	T	T	
		630A		110	T		T	T	T	T	T	T	T	
				55	630	T	T	T	T	T	T	T	T	
	1000A	800	T	T		T	T	T	T	T	T			
		Starter-Protection	ETU310M	110	630	T	T	T	T	T	T	T	T	
	800				T	T	T	T	T	T	T			
	25 / 40 / 63 / 100				T	T	T	T	T	T	T			
	160				T	T	T	T	T	T	T			
	250	T	T	T	T	T	T	T						
	400	T	T	T	T	T	T	T						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1												
					Application	LineProtection												
					FrameSize	II												
					Tripunitytype	ETU300									ETU600			
					Un[V]Fuses	690									n.a.			
					Icu[kA]	66			66 / 85 / 100	85	85 / 100	85 / 100 / 130	100 / 130	130	66	85	100	
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	2500	3200	4000	2000	3200	4000	2500	3200	2000	4000			
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T	T	T	T	T	T	T	T	T	
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55 / 85 / 110	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T
			ETU330 / ETU560	36 / 55 / 85 / 110		T	T	T	T	T	T	T	T	T	T	T	T	T
			ETU320 / ETU330 / ETU350 / ETU550 / ETU860 / ETU850 / ETU860	55 / 85 / 110	25 / 40 / 63 / 100 / 160	T	T	T	T	T	T	T	T	T	T	T	T	T
		160A	ETU320 / ETU330 / ETU560	36	160	T	T	T	T	T	T	T	T	T	T	T	T	T
			ETU340	55 / 85 / 110	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1		
					Application	LineProtection		
					FrameSize	II		
					Tripunittype	ETU600		
					Un[V]Fuses	690		
					Icu[kA]	66	85	100 / 130
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	2000 / 2500 / 3200		
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55 / 85 / 110	25 / 40 / 63 / 100	T	T	T
			ETU330 / ETU560	36 / 55 / 85 / 110		T	T	T
		160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU850 / ETU860	55 / 85 / 110	25 / 40 / 63 / 100 / 160	T	T	T
			ETU320 / ETU330 / ETU560	36	160	T	T	T
			ETU340	55 / 85 / 110	25 / 40 / 63 / 100	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1												
					Application	LineProtection												
					FrameSize	II												
					Tripunitytype	ETU300									ETU600			
					Un[V]Fuses	690									n.a.			
					Icu[kA]	66			66 / 85 / 100	85	85 / 100	85 / 100 / 130	100 / 130	130	66	85	100	
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	2500	3200	4000	2000	3200	4000	2500	3200	2000	4000			
3VA2	LineProtection	250A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	160 / 250	T	T	T	T	T	T	T	T	T	T	T	T	
						T	T	T	T	T	T	T	T	T	T	T	T	
			ETU320 / ETU330 / ETU560	36	250	T	T	T	T	T	T	T	T	T	T	T	T	T
						T	T	T	T	T	T	T	T	T	T	T	T	
			ETU340	55 / 85 / 110	160	T	T	T	T	T	T	T	T	T	T	T	T	T
						T	T	T	T	T	T	T	T	T	T	T	T	
		ETU345	55	160	T	T	T	T	T	T	T	T	T	T	T	T	T	
					T	T	T	T	T	T	T	T	T	T	T	T		
		400A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	250 / 400	T	T	T	T	T	T	T	T	T	T	T	T	T
						T	T	T	T	T	T	T	T	T	T	T	T	
						T	T	T	T	T	T	T	T	T	T	T	T	
			ETU340	55	250	T	T	T	T	T	T	T	T	T	T	T	T	
T	T					T	T	T	T	T	T	T	T	T	T			
ETU345	55		250	T	T	T	T	T	T	T	T	T	T	T	T			
		T		T	T	T	T	T	T	T	T	T	T	T				

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1		
					Application	LineProtection		
					FrameSize	II		
					Tripunittype	ETU600		
					Un[V]Fuses	690		
					Icu[kA]	66	85	100 / 130
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	2000 / 2500 / 3200		
3VA2	LineProtection	250A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	160 / 250	T	T	T
			ETU320 / ETU330 / ETU560	36	250	T	T	T
			ETU340	55 / 85 / 110	160	T	T	T
			ETU345	55				
		400A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	250 / 400	T	T	T
				ETU340	250	T	T	T
			ETU345	55				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1													
					Application	LineProtection													
					FrameSize	II													
					Tripunitytype	ETU300									ETU600				
					Un[V]Fuses	690									n.a.				
					Icu[kA]	66			66 / 85 / 100	85	85 / 100	85 / 100 / 130	100 / 130	130	66	85	100		
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	2500	3200	4000	2000	3200	4000	2500	3200	2000	4000				
3VA2	LineProtection	630A	ETU320 / ETU330 / ETU340 / ETU350	55 / 85	400 / 630	T	T	T	T	T	T	T	T	T	T	T	T		
				110		T	T	T	T	T	T	T	T	105	T	T	T		
			ETU345	55	T	T	T	T	T	T	T	T	T						
			ETU550 / ETU560 / ETU850 / ETU860	55 / 85	400 / 500 / 630	T	T	T	T	T	T	T	T	T	T	T	T	T	T
				110		T	T	T	T	T	T	T	T	105	T	T	T		
			1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55	630 / 800	T	T	T	T	T	T	T	T	T	T	T	T	T
		1000			T	T	T	34	T	T	T	T	34	T	T	T			
		85 / 110		630 / 800	T	T	T	55	T	T	66	T	55	T	T	T			
		110		1000	55	T	T	34	68	T	55	68	34	T	T	T			
		ETU345		55	630 / 800	T	T	T	55	T	T	66	96	55	T	T	T		
				1000	T	T	T	34	T	T	T	T	34						
		1250A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55	1250	T	T	T	34	T	T	T	T	34					
				85 / 110		55	T	T	34	68	T	55	68	34					



Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1		
					Application	LineProtection		
					FrameSize	II		
					Tripunitytype	ETU600		
					Un[V]Fuses	690		
					Icu[kA]	66	85	100 / 130
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	2000 / 2500 / 3200		
3VA2	LineProtection	630A	ETU320 / ETU330 / ETU340 / ETU350	55 / 85	400 / 630	T	T	T
				110		T	T	T
			ETU345	55				
			ETU550 / ETU560 / ETU850 / ETU860	55 / 85	400 / 500 / 630	T	T	T
				110		T	T	T
		1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55	630 / 800	T	T	T
					1000	T	T	T
			85 / 110	630 / 800	T	T	T	
				1000	T	T	T	
			110	630 / 800	T	T	T	
	1250A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55	630				
				1000				
		85 / 110	55	1250				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1													
					Application	LineProtection													
					FrameSize	II													
					Tripunitytype	ETU300										ETU600			
					Un[V]Fuses	690													
					Icu[kA]	66			66 / 85 / 100	85	85 / 100	85 / 100 / 130	100 / 130	130	66	85	100		
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	2500	3200	4000	2000	3200	4000	2500	3200	2000	4000				
3VA2	LineProtection	1600A	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	55	800 / 1000 / 1250	26	36	43	20	36	54	26	36	20	43	T	T		
					1600	26	36	43		36	54	26	36		43	T	T		
				85 / 110	800 / 1000 / 1250	26	36	43	20	36	54	26	36	20	43	72	T		
					1600	26	36	43		36	54	26	36		43	72	T		
	Motor-Protection	160A	ETU350M / ETU550M / ETU860M	55 / 110	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T	
					160 / 200	T	T	T	T	T	T	T	T	T	T	T	T		
					250	T	T	T	T	T	T	T	T	T	T	T	T	T	
		630A		55	400 / 500	T	T	T	T	T	T	T	T	T	T	T	T	T	T
						110	T	T	T	T	T	T	T	T	105	T	T	T	
		1000A		55	630 / 800	T	T	T	34	T	T	T	T	34	T	T	T	T	T
					110	630 / 800	55	T	T	34	68	T	55	68	34	T	T	T	
						25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T	T	T	T	
	Starter-Protection	ETU310M	160A	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
			250A	160	T	T	T	T	T	T	T	T	T	T	T	T	T		
			400A	250	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
			630A	400	T	T	T	T	T	T	T	T	105	T	T	T			

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1					
					Application	LineProtection					
					FrameSize	II					
					Tripunitytype	ETU600					
					Un[V]Fuses	690					
					Icu[kA]	66	85	100 / 130			
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	2000 / 2500 / 3200					
3VA2	LineProtection	1600A	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	55	800 / 1000 / 1250	43	T	T			
					1600	43	T	T			
				85 / 110	800 / 1000 / 1250	43	72	T			
					1600	43	72	T			
				Motor-Protection	160A 250A 400A 630A 1000A	ETU350M / ETU550M / ETU860M	55 / 110	25 / 40 / 63 / 100	T	T	T
								160 / 200	T	T	T
								250	T	T	T
							55	400 / 500	T	T	T
	T	T	T								
	110	630 / 800	T				T	T			
			T				T	T			
	Starter-Protection	160A 250A 400A 630A	ETU310M				110	25 / 40 / 63 / 100	T	T	T
				160	T	T		T			
				250	T	T		T			
				400	T	T		T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1			
					Application	LineProtection			
					FrameSize	III			
					Tripunittype	ETU300		ETU600	
					Icu[kA]	100 / 130 / 150			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	4000	5000	6300	4000 / 5000 / 6300
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55 / 85 / 110	25 / 40 / 63 / 100	T	T	T	T
			ETU330 / ETU560	36 / 55 / 85 / 110		T	T	T	T
		160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	25 / 40 / 63 / 100 / 160	T	T	T	T
			ETU320 / ETU330 / ETU560	36	160	T	T	T	T
			ETU340	55 / 85 / 110	25 / 40 / 63 / 100	T	T	T	T

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1			
					Application	LineProtection			
					FrameSize	III			
					Tripunittype	ETU300			ETU600
					Icu[kA]	100 / 130 / 150			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	4000	5000	6300	4000 / 5000 / 6300
3VA2	LineProtection	250A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	160 / 250	T	T	T	T
			ETU320 / ETU330 / ETU560	36	250	T	T	T	T
			ETU340	55 / 85 / 110	160	T	T	T	T
		ETU345	55	T		T	T		
		400A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	250 / 400	T	T	T	T
						ETU340	T	T	T
	ETU345				55	250	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1			
					Application	LineProtection			
					FrameSize	III			
					Tripunittype	ETU300			ETU600
					Icu[kA]	100 / 130 / 150			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	4000	5000	6300	4000 / 5000 / 6300
3VA2	LineProtection	630A	ETU320 / ETU330 / ETU340 / ETU350	55 / 85 / 110	400 / 630	T	T	T	T
			ETU345	55		T	T	T	
			ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	400 / 500 / 630	T	T	T	T
		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	630 / 800 / 1000		T	T	T	T	
		ETU345	55		630 / 1000	T	T	T	
		1250A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55 / 85 / 110	1250	T	T	T	

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1						
					Application	LineProtection						
					FrameSize	III						
					Tripunitytype	ETU300			ETU600			
					Icu[kA]	100 / 130 / 150						
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	4000	5000	6300	4000 / 5000 / 6300			
3VA2	LineProtection	1600A	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	55 / 85	800 / 1000 / 1250 / 1600	54	T	T	T			
				110		54	88	T	T			
	Motor-Protection	160A	ETU350M / ETU550M / ETU860M	55 / 110	25 / 40 / 63 / 100	T	T	T	T			
					160 / 200	T	T	T	T			
					250	T	T	T	T			
					400 / 500	T	T	T	T			
					630 / 800	T	T	T	T			
					1000A	T	T	T	T			
	Starter-Protection	160A	ETU310M	110	25 / 40 / 63 / 100	T	T	T	T			
					160	T	T	T	T			
					250	T	T	T	T			
					400	T	T	T	T			
	630A	250A	400A	1000A	160A	ETU310M	110	25 / 40 / 63 / 100	T	T	T	
								160	T	T	T	T
								250	T	T	T	T
								400	T	T	T	T

**3WL1 - 3VA**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1										
					Application	LineProtection										
					FrameSize	0					I,II					
					Tripunitytype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660					ETU15B			ETU25B / ETU27B		
					Icu[kA]	42 / 55 / 66					55 / 66 / 80 / 85 / 100			55		55 / 66 / 80 / 85
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	400	630	800	1000	1250	630	800	1000	630	800	315
3VA1	LineProtection	100A	TM210	16	16 / 20 / 25 / 32	T	T	T	T	T	9.4	T	T	T	T	T
				16 / 25	40 / 50 / 63 / 80 / 100	T	T	T	T	T	8.6	13	T	T	T	13
				25 / 36	16 / 20 / 25 / 32	T	T	T	T	T	9.4	20	T	T	T	19
				36	40 / 50 / 63 / 80 / 100	T	T	T	T	T	8.6	13	25	T	T	13
		160A	TM210 / TM220 / TM240	25	40 / 50 / 63 / 80	T	T	T	T	T	8.6	13	T	T	T	13
					100	T	T	T	T	T	8.6	13	T	T	T	13
				25 / 36	16 / 20 / 25 / 32	T	T	T	T	T	9.4	20	T	T	T	19
					125	T	T	T	T	T	7.2	12	19	T	T	12
					160	T	T	T	T	T	7.2	12	19	T	T	14
				36	40 / 50 / 63 / 80	T	T	T	T	T	8.6	13	25	T	T	13
					100	T	T	T	T	T	8.6	13	25	T	T	13
				55 / 70	16 / 20 / 25 / 32	T	T	T	T	T	9.4	20	44	T	T	19
					40 / 50 / 63 / 80	T	T	T	T	T	8.6	13	25	T	T	13
					100	T	T	T	T	T	8.6	13	25	T	T	13
					125	T	T	T	T	T	7.2	12	19	T	T	12
					160	T	T	T	T	T	7.2	12	19	T	T	14
		160	T		T	T	T	T	5.3	7.9	16	24	T	7.6		
		250A	TM240	36 / 55	200	T	T	T	T	T	5.3	7.9	16	24	T	
	250				T	T	T	T	T	5.3	7.9	16	24	T		
	160				T	T	T	T	T	5.3	7.9	16	24	T	7.6	
	400A	TM220	70	200	T	T	T	T	T	5.3	7.9	16	24	T		
				250	T	T	T	T	T	5.3	7.9	16	24	T		
				36		T	T	T	T		5.6	7.3	13	17		
	110	55 / 70	400			T	T	T	T			5.6	7.3	13	17	
						T	T	T	T			5.6	7.3	13	17	



Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1														
					Application	LineProtection														
					FrameSize	I,II														
					Tripunitytype	ETU25B / ETU27B														
					Icu[kA]	55 / 66 / 80 / 85 / 100	55 / 66 / 80 / 85 / 100 / 130 / 150	55 / 80 / 85 / 100	66	66 / 80 / 85 / 100	100	130 / 150								
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	500	250	1000	400	630	800	315	315	400	500	630				
3VA1	LineProtection	100A	TM210	16	16 / 20 / 25 / 32	T	9.3	T	T	T	T	T	T	T	T	T				
				16 / 25	40 / 50 / 63 / 80 / 100	T	8.5	T	T	T	T	T	13	13	T	T	T			
				25 / 36	16 / 20 / 25 / 32	T	9.3	T	T	T	T	T	19	19	T	T	T			
				36	40 / 50 / 63 / 80 / 100	T	8.5	T	25	25	T	T	13	13	25	T	T			
			160A	TM210 / TM220 / TM240	25	40 / 50 / 63 / 80	T	8.5	T	T	T	T	T	T	13	13	T	T	T	
						100	T	8.5	T	T	24	T	T	13	13	T	T	T		
					25 / 36	16 / 20 / 25 / 32	T	9.3	T	T	T	T	T	T	19	19	T	T	T	
						125	T	7.1	T	19	19	T	T	12	12	19	T	T		
						160	T	7.1	T	19	19	T	T	12	12	19	T	T		
					36	40 / 50 / 63 / 80	T	8.5	T	25	25	T	T	13	13	25	T	T		
						100	T	8.5	T	25	24	T	T	13	13	25	T	T		
					55 / 70	16 / 20 / 25 / 32	T	9.3	T	44	44	T	T	19	19	44	T	T		
		40 / 50 / 63 / 80				42	8.5	T	25	25	T	T	13	13	25	42	T			
		100				42	8.5	T	25	24	T	T	13	13	25	42	T			
		125				40	7.1	T	19	19	T	T	12	12	19	40	T			
		160				40	7.1	T	19	19	T	T	12	12	19	40	T			
		160	20	5.3		T	16	16	24	T	7.6	7.6	16	20	24					
		250A	TM240	36 / 55	200	20	5.3	T	16	16	24	55	7.6	7.6	16	20	24			
					250	20		T	16	16	24	T			16	20	24			
					160	20	5.3	T	16	16	24	55			16	20	24			
		400A	TM220	55 / 70	70	200	20	5.3	T	16	16	24	55			16	20	24		
						250	20		T	16	16	24	55			16	20	24		
						400			T			13	17					13		
				110	36	400														

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1								
					Application	LineProtection								
					FrameSize	I,II								
					Tripunitytype	ETU25B / ETU27B	ETU45B / ETU76B							
					Icu[kA]	130 / 150	55 / 66 / 80 / 85 / 100 / 130 / 150							
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	800	250	315	400	500	630	800 / 1000		
3VA1	LineProtection	100A	TM210	16	16 / 20 / 25 / 32	T	T	T	T	T	T	T		
				16 / 25	40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T		
				25 / 36	16 / 20 / 25 / 32	T	T	T	T	T	T	T		
				36	40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T		
		160A	TM210 / TM220 / TM240	25	40 / 50 / 63 / 80	T	T	T	T	T	T	T	T	
					100	T	T	T	T	T	T	T		
				25 / 36	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	
					125	T	T	T	T	T	T	T		
					160	T	T	T	T	T	T	T		
				36	40 / 50 / 63 / 80	T	T	T	T	T	T	T	T	
					100	T	T	T	T	T	T	T		
				55 / 70	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	
					40 / 50 / 63 / 80	T	T	T	T	T	T	T		
					100	T	T	T	T	T	T	T		
					125	T	T	T	T	T	T			
					160	T	T	T	T	T	T			
		250A	TM240	36 / 55	160	T	T	T	T	T	T	T		
					200	T	T	T	T	T	T			
				250	T	T	T	T	T	T				
				70	160	55	T	T	T	T	T	T		
					200	55	T	T	T	T	T			
		250	55	T	T	T	T							
		400A	TM220	36 / 70	400	17					T	T		
					110	17					T	T		
				110	17						T	T		

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1									
					Application	LineProtection									
					FrameSize	I,II,III									
					Tripunitytype	ETU15B						ETU25B / ETU27B			
					Icu[kA]	55	55 / 66	55 / 66 / 80 / 85 / 100 / 130 / 150	66 / 80 / 85 / 100 / 130 / 150	80 / 85 / 100 / 130 / 150	55		55 / 66 / 80 / 85 / 100 / 130 / 150		
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	2000	1600	1250	2000	1600	1250	2000	1600		
3VA1	LineProtection	100A	TM210	16	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T		
				16 / 25	40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T		
				25 / 36	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T		
				36	40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T		
		160A	TM210 / TM220 / TM240	25	40 / 50 / 63 / 80	T	T	T	T	T	T	T	T	T	
					100	T	T	T	T	T	T	T	T		
				25 / 36	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T	
					125	T	T	T	T	T	T	T	T		
					160	T	T	T	T	T	T	T	T		
				36	40 / 50 / 63 / 80	T	T	T	T	T	T	T	T	T	
					100	T	T	T	T	T	T	T	T		
				55 / 70	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T	
					40 / 50 / 63 / 80	T	T	42	T	T	T	T	T		
					100	T	T	42	T	T	T	T	T		
					125	T	T	40	T	T	T	T	T		
					160	T	T	40	T	T	T	T	T		
				250A	TM240	36 / 55	160	T	24	20	T	24	T	T	T
							200	T	24	20	T	24	T	T	
	250	T	24				20	T	24	T	T				
	400A	TM220	70	160	T	24	20	55	24	T	T	T			
				200	T	24	20	55	24	T	T				
				250	T	24	20	55	24	T	T				
	400A	TM220	36 / 55	160	T	24	20	55	24	T	T	T			
				200	T	24	20	55	24	T	T				
				250	T	24	20	55	24	T	T				
	400A	TM220	55 / 70	160	T	24	20	55	24	T	T	T			
				200	T	24	20	55	24	T	T				
				250	T	24	20	55	24	T	T				
	400A	TM220	110	160	T	24	20	55	24	T	T	T			
				200	T	24	20	55	24	T	T				
				250	T	24	20	55	24	T	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1										
					Application	LineProtection										
					FrameSize	I,II,III						II,III				
					Tripunitytype	ETU25B / ETU27B				ETU45B / ETU76B		ETU15B				
					Icu[kA]	66		80 / 85 / 100 / 130 / 150				55 / 66 / 80 / 85 / 100 / 130 / 150		66	66 / 80 / 100	66 / 80 / 100 / 130 / 150
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	1250	2000	1250	2000	1250	1600 / 2000	3200	4000	2500	3200	
3VA1	LineProtection	100A	TM210	16	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T	T	
				16 / 25	40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	
				25 / 36	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T	T	
				36	40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	
		160A	TM210 / TM220 / TM240	25	40 / 50 / 63 / 80	T	T	T	T	T	T	T	T	T	T	T
					100	T	T	T	T	T	T	T	T	T	T	
				25 / 36	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T	T	T
					125	T	T	T	T	T	T	T	T	T	T	
					160	T	T	T	T	T	T	T	T	T	T	
				36	40 / 50 / 63 / 80	T	T	T	T	T	T	T	T	T	T	
					100	T	T	T	T	T	T	T	T	T	T	
				55 / 70	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T	T	
					40 / 50 / 63 / 80	T	T	T	T	T	T	T	T	T	T	
					100	T	T	T	T	T	T	T	T	T	T	
					125	T	T	T	T	T	T	T	T	T	T	
					160	T	T	T	T	T	T	T	T	T	T	
					160	T	T	T	T	T	T	T	T	T	T	
				250A	TM240	36 / 55	160	T	T	T	T	T	T	T	T	T
							200	T	T	T	T	T	T	T	T	
						250	T	T	T	T	T	T	T	T		
		70	160			T	T	T	T	T	T	T	T	T		
			200	T	T	T	T	T	T	T	T					
			250	T	T	T	T	T	T	T	T					
		400A	TM220	36 / 55	160	T	T	T	T	T	T	T	T			
					200	T	T	T	T	T	T	T				
				250	T	T	T	T	T	T	T					
		55 / 70	400	160	T	T	T	T	T	T	T	48	T			
				200	T	T	T	T	T	T	T	48	T			
				250	T	T	71	T	T	T	T	48	75			

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1					
					Application	LineProtection					
					FrameSize	II,III			III		
					Tripunitytype	ETU25B / ETU27B		ETU45B / ETU76B	ETU25B / ETU27B	ETU45B / ETU76B	
					Icu[kA]	66 / 80	100 / 130 / 150	66 / 80 / 100 / 130 / 150	100 / 130 / 150		
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	2500 / 3200 / 4000			5000 / 6300		
3VA1	LineProtection	100A	TM210	16	16 / 20 / 25 / 32	T	T	T	T	T	
				16 / 25	40 / 50 / 63 / 80 / 100	T	T	T	T	T	
				25 / 36	16 / 20 / 25 / 32	T	T	T	T	T	
				36	40 / 50 / 63 / 80 / 100	T	T	T	T	T	
		160A	TM210 / TM220 / TM240	25	40 / 50 / 63 / 80	T	T	T	T	T	T
					100	T	T	T	T	T	
				25 / 36	16 / 20 / 25 / 32	T	T	T	T	T	
					125	T	T	T	T	T	
					160	T	T	T	T	T	
				36	40 / 50 / 63 / 80	T	T	T	T	T	
					100	T	T	T	T	T	
				55 / 70	16 / 20 / 25 / 32	T	T	T	T	T	
					40 / 50 / 63 / 80	T	T	T	T	T	
					100	T	T	T	T	T	
					125	T	T	T	T	T	
				160	TM240	36 / 55	160	T	T	T	T
	200	T	T				T	T	T		
	250	T	T			T	T	T			
	70	160	T			T	T	T	T		
		200	T	T	T	T	T				
		250	T	T	T	T	T				
	400A	TM220	36 / 55	160	T	T	T	T	T		
				200	T	T	T	T	T		
			110	400	T	T	T	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1												
					Application	LineProtection												
					FrameSize	0					I,II							
					Tripunitytype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660					ETU15B			ETU25B / ETU27B				
					Icu[kA]	42 / 55 / 66					55 / 66 / 80 / 85 / 100			55	55 / 66 / 80 / 85			
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	400	630	800	1000	1250	630	800	1000	630	800	315		
3VA1	LineProtection	400A	TM220 / TM240	36	320	T	T	T	T	T		5.6	7.3	13	17			
				55 / 70		T	T	T	T	T		5.6	7.3	13	17			
			110	T		T	T	T	T		5.6	7.3	13	17				
			TM240	36		400		T	T	T	T		5.6	7.3	13	17		
				55 / 70				T	T	T	T		5.6	7.3	13	17		
			110				T	T	T	T		5.6	7.3	13	17			
		TM220	36	630						T								
			55 / 70							T								
		110							T									
		TM220 / TM240	36		500			T	T	T		5.6	7.3			17		
			55 / 70					T	T	T		5.6	7.3			17		
		110					T	T	T		5.6	7.3			17			
		TM240	36	630				T	T	T								
			55 / 70					T	T	T								
			110					T	T	T								
		1000A	TM240		55	630				T	T							
					70					T	T							
					110					T	T							
	TM240		55	800					T	T								
			70						T	T								
			110						T	T								
	160A	TM120M	55		125				T	T		7.2	12	19	T	T	12	
			70						T	T		9.4	20	44	T	T	19	
			70						T	T		8.6	13	24	T	T	13	
			40 / 50 / 63 / 80 / 100				T	T		8.6	13	24	T	T	13			
			70				T	T		7.2	12	19	T	T	12			

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1														
					Application	LineProtection														
					FrameSize	I,II														
					Tripunitytype	ETU25B / ETU27B														
					Icu[kA]	55 / 66 / 80 / 85 / 100	55 / 66 / 80 / 85 / 100 / 130 / 150	55 / 80 / 85 / 100	66	66 / 80 / 85 / 100	100	130 / 150								
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	500	250	1000	400	630	800	315	315	400	500	630				
3VA1	LineProtection	400A	TM220 / TM240	36	320	9.6		T			13	17				9.6	13			
				55 / 70		9.6		48			13	17				9.6	13			
			110	9.6			48			13	17						9.6	13		
			TM240	36		400	9.6		T				13	17					9.6	13
				55 / 70			9.6		48			13	17					9.6	13	
			110	9.6				48			13	17						9.6	13	
		TM220	36	630																
			55 / 70																	
		110																		
		TM220 / TM240	36		500			T						17						
	55 / 70						48				17									
	110					48				17										
	TM240	36	630																	
		55 / 70																		
	110																			
	TM240	55		630																
		70																		
	1000A	70 / 110			630															
		110																		
	TM120M	55	1000																	
70																				
160A	55 / 70	125					125	40	7.1	T	19	19	T	T	12	12	19	41	T	
	70						32	T	9.3	T	44	44	T	T	19	19	46	T	T	
70	40 / 50 / 63 / 80 / 100			125			42	42	8.5	T	24	24	T	T	13	13	25	43	T	
								40	40	7.1	T	19	19	65	T	12	12	19	41	66

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1							
					Application	LineProtection							
					FrameSize	I,II							
					Tripunitytype	ETU25B / ETU27B	ETU45B / ETU76B						
					Icu[kA]	130 / 150	55 / 66 / 80 / 85 / 100 / 130 / 150						
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	800	250	315	400	500	630	800 / 1000	
3VA1	LineProtection	400A	TM220 / TM240	36	320	17				T	T	T	
				55 / 70		17			T	T	T		
			110	17				T	T	T			
			TM240	36		400	17			T	T	T	
				55 / 70			17			T	T	T	
			110	17					T	T	T		
		TM220	36	630									
			55 / 70										
		110											
		TM220 / TM240	36		500	17					T		
			55 / 70			17					T		
		110	17							T			
	TM240	36	630										
		55 / 70	630										
		110	630										
	1000A	TM240	36	630									
			55	800									
			70	1000									
		70 / 110	630										
			800										
			1000										
	Starter-Protection	160A	TM120M	55	125	T	T	T	T	T	T	T	T
				70	32	T	T	T	T	T	T	T	
				55 / 70	40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	
70				125	T	T	T	T	T	T	T		



Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1								
					Application	LineProtection								
					FrameSize	I,II,III								
					Tripunitytype	ETU15B					ETU25B / ETU27B			
					Icu[kA]	55	55 / 66	55 / 66 / 80 / 85 / 100 / 130 / 150	66 / 80 / 85 / 100 / 130 / 150	80 / 85 / 100 / 130 / 150	55		55 / 66 / 80 / 85 / 100 / 130 / 150	
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	2000	1600	1250	2000	1600	1250	2000	1600	
3VA1	LineProtection	400A	TM220 / TM240	36	320	17	13	9.5	17	13	T	T	T	
				55 / 70		17	13	9.5	17	13	T	T	T	
			110	17		13	9.5	17	13	T	T	T		
			TM240	36		400	17	13	9.5	17	13	T	T	T
				55 / 70			17	13	9.5	17	13	T	T	T
				110			17	13	9.5	17	13	T	T	T
		TM220	36	630	17		13	9.5	17	13	T	T	T	
			55 / 70		17		13	9.5	17	13	T	T	T	
			110		17		13	9.5	17	13	T	T	T	
		TM220 / TM240	36		500	17	13	9.5	17	13	T	T	T	
			55 / 70			17	13	9.5	17	13	T	T	T	
			110			17	13	9.5	17	13	T	T	T	
		1000A	TM240	36		630	17	13	9.5	17	13	T	T	T
				55 / 70		630	17	13	9.5	17	13	T	T	T
				110		630	17	13	9.5	17	13	T	T	T
				55	630	13	10		13	10	37	T	48	
				70	800	13	10		13	10		T	48	
				1000							T	40		
	160A	TM120M	55	125	T	T	40	T	T	T	T	T	T	
			70	32	T	T	T	T	T	T	T	T		
			55 / 70	40 / 50 / 63 / 80 / 100	T	T	42	T	T	T	T	T		
			70	125	T	T	40	T	67	T	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1												
					Application	LineProtection												
					FrameSize	I,II,III						II,III						
					Tripunitytype	ETU25B / ETU27B				ETU45B / ETU76B		ETU15B						
					Icu[kA]	66		80 / 85 / 100 / 130 / 150				55 / 66 / 80 / 85 / 100 / 130 / 150		66	66 / 80 / 100	66 / 80 / 100 / 130 / 150		80 / 100 / 130 / 150
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	1250	2000	1250	2000	1250	1600 / 2000	3200	4000	2500	3200			
3VA1	LineProtection	400A	TM220 / TM240	36	320	T	T	T	T	T	T	T	T	T	T			
				55 / 70		T	T	T	T	T	T	T	T	48	T			
			110	36		T	T	71	T	T	T	T	T	48	75			
				55 / 70		T	T	T	T	T	T	T	T	48	T			
			70	36		T	T	T	T	T	T	T	T	T	T			
				55 / 70		T	T	71	T	T	T	T	T	48	75			
		630A	TM220	36	630	T	T	T	T	T	T	T	T	T	T			
				55 / 70		T	T	T	T	T	T	T	T	48	T			
			110	36		T	T	T	T	T	T	T	T	T	T			
				55 / 70		T	T	71	T	T	T	T	T	48	75			
			70	36		T	T	T	T	T	T	T	T	T	T			
				55 / 70		T	T	T	T	T	T	T	T	48	T			
		1000A	TM240	36	630	T	T	T	T	T	T	T	T	T	T			
						55 / 70	T	T	T	T	T	T	T	T	48	T		
				110		36	T	T	71	T	T	T	T	T	48	75		
						55 / 70	T	T	T	T	T	T	T	T	48	T		
				70		36	630	T	T	37	T	37	T	T	38	48	18	38
						55 / 70	800		T		T		T	38	48	18	38	
	1000A		70	1000		T		T		T	21	42		21				
				62		62		62		T	21	42		21				
			70 / 110	630	37	T	37	66	T	T	38	48	18	38				
				800		T		66		T	38	48	18	38				
			110	1000		62		62		T	21	42		21				
				630	37	T	37	66	T	T	38	48	18	38				
160A	TM120M	55	125	T	T	T	T	T	T	T	T	T	T					
		70	32	T	T	T	T	T	T	T	T	T	T					
		55 / 70	40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T				
			125	T	T	T	T	T	T	T	T	T	T	T				
		70	55	125	T	T	T	T	T	T	T	T	T	T				
			70	125	T	T	T	T	T	T	T	T	T	T				

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1						
					Application	LineProtection						
					FrameSize	II,III			III			
					Tripunitytype	ETU25B / ETU27B		ETU45B / ETU76B	ETU25B / ETU27B	ETU45B / ETU76B		
					Icu[kA]	66 / 80	100 / 130 / 150		66 / 80 / 100 / 130 / 150		100 / 130 / 150	
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	2500 / 3200 / 4000			5000 / 6300			
3VA1	LineProtection	400A	TM220 / TM240	36	320	T	T	T	T	T		
				55 / 70		T	T	T	T	T		
			TM240	36		400	T	T	T	T	T	
				55 / 70			T	T	T	T	T	
			TM220	36			630	T	T	T	T	T
				55 / 70				T	T	T	T	T
		TM220 / TM240	36	500	T			T	T	T	T	
			55 / 70		T			T	T	T	T	
		TM240	36		630	T		T	T	T	T	
			55 / 70			T		T	T	T	T	
			110		630	T	T	T	T	T		
			55			T	T	T	T	T		
	70		800	T		T	T	T	T			
	1000		T	T		T	T	T				
	1000A	630	1000	T	T	T	T	T				
		800		T	T	T	T	T				
		110		1000	T	80	T	80	T			
		70 / 110			T	T	T	T				
		800		T	T	T	T	T				
		1000		T	T	T	T	T				
	Starter-Protection	160A	TM120M	55	125	T	T	T	T	T		
				70	32	T	T	T	T	T		
			55 / 70	40 / 50 / 63 / 80 / 100	T	T	T	T	T			
			70	125	T	T	T	T	T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1										
					Application	LineProtection										
					FrameSize	0					I,II					
					Tripunitytype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660					ETU15B			ETU25B / ETU27B		
					Icu[kA]	42 / 55 / 66					55 / 66 / 80 / 85 / 100			55		55 / 66 / 80 / 85
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	400	630	800	1000	1250	630	800	1000	630	800	315
3VA1	Starter-Protection	250A	TM120M	55	160	T	T	T	T	T	5.3	7.9	16	24	T	7.6
					200	T	T	T	T	T	5.3	7.9	16	24	T	
				70	160	T	T	T	T	T	5.3	7.9	16	24	T	7.6
					200	T	T	T	T	T	5.3	7.9	16	24	T	
		400A		55	250 / 320	T	T	T	T	T		5.6	7	10	22	
						T	T	T	T	T		5.6	7	10	22	
		630A		55 / 70	400 / 500			T	T	T		5.6	7.3		17	
								T	T	T		5.6	7.3		17	
		1000A	70	55	630					T						
					800											
				70	630					T						
					800											
				110	630					T						
					800											

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1												
					Application	LineProtection												
					FrameSize	I,II												
					Tripunitytype	ETU25B / ETU27B												
					Icu[kA]	55 / 66 / 80 / 85 / 100	55 / 66 / 80 / 85 / 100 / 130 / 150	55 / 80 / 85 / 100	66	66 / 80 / 85 / 100	100	130 / 150						
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	500	250	1000	400	630	800	315	315	400	500	630		
3VA1	Starter-Protection	250A	TM120M	55	160	20	5.3	T	16	16	24	T	7.6	7.8	16	20	24	
					200	20	5.3	T	16	16	24	T			16	20	24	
				70	160	20	5.3	T	16	16	24	55	7.6	7.8	16	20	24	
					200	20	5.3	T	16	16	24	55			16	20	24	
		400A		55	250 / 320	8.5		29	7	7	10	22			7	8.6	10	
						8.5		29	7	7	10	22			7	8.6	10	
				70 / 110	400 / 500	48					17							
						48					17							
		1000A	630A	55 / 70	TM120M	110	630											
							800											
				70		630												
						800												
	110		630	630														
				800														
			800	630														
				800														

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1							
					Application	LineProtection							
					FrameSize	I,II							
					Tripunittype	ETU25B / ETU27B	ETU45B / ETU76B						
					Icu[kA]	130 / 150	55 / 66 / 80 / 85 / 100 / 130 / 150						
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	800	250	315	400	500	630	800 / 1000	
3VA1	Starter-Protection	250A	TM120M	55	160	T	T	T	T	T	T	T	
					200	T	T		T	T	T	T	
				70	160	56	T	T	T	T	T	T	
					200	56	T		T	T	T	T	
		400A		55	70/ 110	250 / 320	22			T	T	T	T
							22			T	T	T	T
				630A	55/ 70	400 / 500	17						T
							17						T
			1000A	55	630	630							
						800							
	70	630											
		800											
	110	630		630									
				800									
		800		630									
				800									

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1								
					Application	LineProtection								
					FrameSize	I,II,III								
					Tripunitytype	ETU15B						ETU25B / ETU27B		
					Icu[kA]	55	55 / 66	55 / 66 / 80 / 85 / 100 / 130 / 150	66 / 80 / 85 / 100 / 130 / 150	80 / 85 / 100 / 130 / 150	55		55 / 66 / 80 / 85 / 100 / 130 / 150	
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	2000	1600	1250	2000	1600	1250	2000	1600	
3VA1	Starter-Protection	250A	TM120M	55	160	T	24	20	T	24	T	T	T	
					200	T	24	20	T	24	T	T	T	
				70	160	T	24	20	55	24	T	T	T	
					200	T	24	20	55	24	T	T	T	
		400A	TM120M	55	250 / 320	22	10	8.5	22	10	T	T	T	
						22	10	8.5	22	10	T	T	T	
		630A	TM120M	55 / 70	400 / 500	17	13	9.5	17	13	T	T	T	
						17	13	9.5	17	13	T	T	T	
		1000A	TM120M	55	630	630					20	T	40	
						800						T	40	
				70	630					20	T	40		
					800						T	40		
				110	630					20	T	40		
					800						T	40		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1											
					Application	LineProtection											
					FrameSize	I,II,III						II,III					
					Tripunitytype	ETU25B / ETU27B				ETU45B / ETU76B		ETU15B					
					Icu[kA]	66		80 / 85 / 100 / 130 / 150				55 / 66 / 80 / 85 / 100 / 130 / 150		66	66 / 80 / 100	66 / 80 / 100 / 130 / 150	
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	1250	2000	1250	2000	1250	1600 / 2000	3200	4000	2500	3200		
3VA1	Starter-Protection	250A	TM120M	55	160	T	T	T	T	T	T	T	T	T	T		
					200	T	T	T	T	T	T	T	T	T			
				70	160	T	T	T	T	T	T	T	T	T	T		
					200	T	T	T	T	T	T	T	T	T	T		
		400A		55	250 / 320	T	T	T	T	T	T	T	T	T	29	T	
						70 / 110	64	T	64	T	T	T	65	T	29	65	
		630A		55 / 70	400 / 500	T	T	T	T	T	T	T	T	T	T	48	T
						110	T	T	71	T	T	T	T	T	48	75	
		1000A	TM120M	55	630	20	T	20	T	T	T	21	42		21		
					800		T		T		T	21	42		21		
				70	630	20	62	20	62	T	T	21	42		21		
					800		62		62		T	21	42		21		
				110	630	20	62	20	62	T	T	21	42		21		
					800		62		62		T	21	42		21		



Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1				
					Application	LineProtection				
					FrameSize	II,III			III	
					Tripunitytype	ETU25B / ETU27B		ETU45B / ETU76B	ETU25B / ETU27B	ETU45B / ETU76B
					Icu[kA]	66 / 80	100 / 130 / 150	66 / 80 / 100 / 130 / 150	100 / 130 / 150	
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	2500 / 3200 / 4000			5000 / 6300	
3VA1	Starter-Protection	250A	TM120M	55	160	T	T	T	T	T
					200	T	T	T	T	T
				70	160	T	T	T	T	T
					200	T	T	T	T	T
		400A		55	250 / 320	T	T	T	T	T
						70/ 110	T	T	T	T
		630A		55/ 70	400 / 500	T	T	T	T	T
						110	T	T	T	T
		1000A	55	630	T	T	T	T	T	
				800	T	T	T	T	T	
			70	630	T	T	T	T	T	
				800	T	T	T	T	T	
			110	630	T	80	T	80	T	
				800	T	80	T	80	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1									
					Application	LineProtection									
					FrameSize	0					I,II				
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660					ETU15B			ETU25B / ETU27B	
					Icu[kA]	42 / 55 / 66					55 / 66 / 80 / 85 / 100			55	55 / 66 / 80 / 85
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	400	630	800	1000	1250	630	800	1000	800	630
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T	T	8.5	11	17	T	T
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	110	25 / 40 / 63 / 100	T	T	T	T	T	8.5	11	17	T	T
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55 / 85		T	T	T	T	T	8.5	11	17	T	T
			ETU330 / ETU560	36 / 55 / 85	T	T	T	T	T	8.5	11	17	T	T	

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1									
					Application	LineProtection									
					FrameSize	I,II									
					Tripunittype	ETU25B / ETU27B									
					Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150					66 / 80	85	100	100 / 130 / 150	130 / 150
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	315	400	500	1000	800	630	800	630	
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	8.4	11	17	32	T	T	T	T	T	T
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	110	25 / 40 / 63 / 100	8.4	11	17	32	T	T	T	87	T	87
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55 / 85		8.4	11	17	32	T	T	T	T	T	T
			ETU330 / ETU560	36 / 55 / 85		8.4	11	17	32	T	T	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1										
					Application	LineProtection										
					FrameSize	I,II						I,II,III				
					Tripunittype	ETU45B / ETU76B						ETU15B				
					Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150						55	55 / 66 / 80 / 85	55 / 66 / 80 / 85 / 100 / 130 / 150		
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	315	400	500	630	800	1000	2000	1600	1250	
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T	T	T	T	T	T	32	
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	110	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T	T	32
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55 / 85		T	T	T	T	T	T	T	T	32		
			ETU330 / ETU560	36 / 55 / 85		T	T	T	T	T	T	T	T	32		

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1									
					Application	LineProtection									
					FrameSize	I,II,III									
					Tripunittype	ETU15B					ETU25B / ETU27B				
					Icu[kA]	66 / 80		85	100 / 130 / 150		55		55 / 66 / 80 / 85 / 100 / 130 / 150		66 / 80 / 85 / 100 / 130 / 150
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	2000		1600	2000	1250	2000	1600	1250	2000	
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T	T	T	T	T	T	
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	110		T	T	90	T	T	T	T	T	T	
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55 / 85		T	T	T	T	T	T	T	T	T	
			ETU330 / ETU560	36 / 55 / 85		T	T	T	T	T	T	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1												
					Application	LineProtection												
					FrameSize	I,II,III												
					Tripunittype	ETU45B / ETU76B												
					Icu[kA]	55			66			80			85			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	1250	1600	2000	1250	1600	2000	1250	1600	2000	1250	1600	2000	
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T	T	T	T	T	T	T	T	T	
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	110	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55 / 85		T	T	T	T	T	T	T	T	T	T			
			ETU330 / ETU560	36 / 55 / 85		T	T	T	T	T	T	T	T	T				

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1							
					Application	LineProtection							
					FrameSize	I,II,III			II,III				
					Tripunittype	ETU45B / ETU76B			ETU15B				
					Icu[kA]	100 / 130 / 150			66	66 / 80 / 100	66 / 80 / 100 / 130 / 150	80 / 100 / 130 / 150	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	1250	1600	2000	3200	4000	2500	3200	
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T	T	T	T	
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	110	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55 / 85		T	T	T	T	T	T	T	
			ETU330 / ETU560	36 / 55 / 85		T	T	T	T	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1								
					Application	LineProtection								
					FrameSize	II,III						III		
					Tripunittype	ETU25B / ETU27B			ETU45B / ETU76B			ETU25B / ETU27B	ETU45B / ETU76B	
					Icu[kA]	66	80	100 / 130 / 150	66	80	100 / 130 / 150			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	5000 / 6300		
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T	T	T	T	T	
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			110	T	T	T	T	T	T	T	T
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860			55 / 85	T	T	T	T	T	T	T	T
			ETU330 / ETU560	36 / 55 / 85		T	T	T	T	T	T	T	T	
					25 / 40 / 63 / 100									



Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1									
					Application	LineProtection									
					FrameSize	0					I,II				
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660					ETU15B			ETU25B / ETU27B	
					Icu[kA]	42 / 55 / 66					55 / 66 / 80 / 85 / 100			55	55 / 66 / 80 / 85
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	400	630	800	1000	1250	630	800	1000	800	630
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85	25 / 40 / 63 / 100 / 160	T	T	T	T	T	6.6	10	13	T	40
				110		T	T	T	T	T	6.6	10	13	T	40
			ETU320 / ETU330 / ETU560	36	160	T	T	T	T	T	6.6	10	13	T	T
				ETU340		55 / 85	25 / 40 / 63 / 100	T	T	T	T	T	6.6	10	13
			110		T	T		T	T	T	6.6	10	13	T	40
			250A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55	160	T	T	T	T	T	4.7	6.6	11	T
		85 / 110			160		T	T	T	T	T	4.7	6.6	11	T
				ETU320 / ETU330 / ETU560	36 / 55	250	T	T	T	T	T	4.7	6.6	11	T
		ETU340					85 / 110	160	T	T	T	T	T	4.7	6.6
				55	T	T			T	T	T	4.7	6.6	11	T
		110		T	T	T	T	T	4.7	6.6	11	T	28		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1										
					Application	LineProtection										
					FrameSize	I,II										
					Tripunittype	ETU25B / ETU27B										
					Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150					66 / 80	85	100	100 / 130 / 150	130 / 150	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	315	400	500	1000	800	630	800	630		
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85	25 / 40 / 63 / 100 / 160	6.5	10	13	21	T	T	T	40	T	40	
				110		6.5	10	13	21	T	T	T	40	85	40	
			ETU320 / ETU330 / ETU560	36	160	6.5	10	13	21	T	T	T	T	T	T	T
			ETU340	55 / 85	25 / 40 / 63 / 100	6.5	10	13	21	T	T	T	T	40	T	40
				110		6.5	10	13	21	T	T	T	40	85	40	
			250A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55	160	4.6	6.4	11	17	T	T	T	28	T	28
		85 / 110			160	4.6	6.4	11	17	T	55	55	28	55	28	
				250	36 / 55	11	17	T	55	55	28	55	28			
		11				17	T	T	T	28	T	28				
		ETU340		85 / 110	160	55	6.4	11	17	T	T	T	28	T	28	
						110	6.4	11	17	T	55	55	28	55	28	

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1											
					Application	LineProtection											
					FrameSize	I,II						I,II,III					
					Tripunittype	ETU45B / ETU76B						ETU15B					
					Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150						55	55 / 66 / 80 / 85	55 / 66 / 80 / 85 / 100 / 130 / 150			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	315	400	500	630	800	1000	2000	1600	1250		
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU860	55 / 85	25 / 40 / 63 / 100 / 160	T	T	T	T	T	T	T	T	42	21		
				110		T	T	T	T	T	T	T	T	42	21		
			ETU320 / ETU330 / ETU560	36	160	T	T	T	T	T	T	T	T	T	T	21	
			ETU340	55 / 85	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T	T	42	21
				110		T	T	T	T	T	T	T	T	T	42	21	
			250A	ETU320 / ETU330 / ETU350 / ETU550 / ETU860	55	160	T	T	T	T	T	T	T	T	T	29	17
		85 / 110			160	T	T	T	T	T	T	T	T	T	29	17	
		ETU320 / ETU330 / ETU560		36 / 55	250	T	T	T	T	T	T	T	T	T	29	17	
						T	T	T	T	T	T	T	T	29	17		
		ETU340		85 / 110	160	T	T	T	T	T	T	T	T	T	29	17	
						T	T	T	T	T	T	T	T	29	17		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1											
					Application	LineProtection											
					FrameSize	I,II,III											
					Tripunittype	ETU15B					ETU25B / ETU27B						
					Icu[kA]	66 / 80		85	100 / 130 / 150		55		55 / 66 / 80 / 85 / 100 / 130 / 150		66 / 80 / 85 / 100 / 130 / 150		
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	2000		1600	2000	1250	2000	1600	1250	2000			
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU860	55 / 85	25 / 40 / 63 / 100 / 160	T	T	42	T	T	T	T	T	T	T		
				110		T	T	42	85	T	T	T	T	T	T		
			ETU320 / ETU330 / ETU560	36	160	T	T	T	T	T	T	T	T	T	T	T	
			ETU340	55 / 85	25 / 40 / 63 / 100	T	T	42	T	T	T	T	T	T	T	T	T
				110		T	T	42	85	T	T	T	T	T	T	T	
			250A	ETU320 / ETU330 / ETU350 / ETU550 / ETU860	55	160	T	T	29	T	T	T	T	T	T	T	T
		85 / 110			160	55	55	29	55	T	T	T	T	T	T		
				250	55	55	29	55	T	T	T	T	T	T	T		
		ETU320 / ETU330 / ETU560			36 / 55	250	T	T	29	T	T	T	T	T	T	T	
				ETU340	55	160	T	T	29	T	T	T	T	T	T	T	T
		85 / 110			55		55	29	55	T	T	T	T	T	T		

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1													
					Application	LineProtection													
					FrameSize	I,II,III													
					Tripunittype	ETU45B / ETU76B													
					Icu[kA]	55			66			80			85				
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	1250	1600	2000	1250	1600	2000	1250	1600	2000	1250	1600	2000		
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85	25 / 40 / 63 / 100 / 160	T	T	T	T	T	T	T	T	T	T	T	T		
				110		T	T	T	T	T	T	T	T	T	T	T			
			ETU320 / ETU330 / ETU560	36	160	T	T	T	T	T	T	T	T	T	T	T	T	T	T
			ETU340	55 / 85	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T	T
				110		T	T	T	T	T	T	T	T	T	T	T	T	T	
			250A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55	160	T	T	T	T	T	T	T	T	T	T	T	T	T
		85 / 110			160	T	T	T	T	T	T	T	T	T	T	T	T	T	
		ETU320 / ETU330 / ETU560		85 / 110	250	T	T	T	T	T	T	T	T	T	T	T	T	T	
				36 / 55		T	T	T	T	T	T	T	T	T	T	T	T		
		ETU340		85 / 110	160	T	T	T	T	T	T	T	T	T	T	T	T	T	
				55		T	T	T	T	T	T	T	T	T	T	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1							
					Application	LineProtection							
					FrameSize	I,II,III			II,III				
					Tripunittype	ETU45B / ETU76B			ETU15B				
					Icu[kA]	100 / 130 / 150			66	66 / 80 / 100	66 / 80 / 100 / 130 / 150	80 / 100 / 130 / 150	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	1250	1600	2000	3200	4000	2500	3200	
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85	25 / 40 / 63 / 100 / 160	T	T	T	T	T	T	T	
				110		T	T	T	T	T	T		
			ETU320 / ETU330 / ETU560	36	160	T	T	T	T	T	T	T	
			ETU340	55 / 85	25 / 40 / 63 / 100	T	T	T	T	T	T	T	
				110		T	T	T	T	T	T		
			250A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55	160	T	T	T	T	T	T	T
		85 / 110			160	T	T	T	T	T	T	T	
				36 / 55	250	T	T	T	T	T	T	T	
		55				160	T	T	T	T	T	T	
		ETU340		85 / 110	160	T	T	T	T	T	T	T	
				110	T	T	T	T	T	T	T		

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1								
					Application	LineProtection								
					FrameSize	II,III						III		
					Tripunittype	ETU25B / ETU27B			ETU45B / ETU76B			ETU25B / ETU27B	ETU45B / ETU76B	
					Icu[kA]	66	80	100 / 130 / 150	66	80	100 / 130 / 150			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	5000 / 6300		
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85	25 / 40 / 63 / 100 / 160	T	T	T	T	T	T	T	T	
				110		T	T	T	T	T	T	T	T	
			ETU320 / ETU330 / ETU560	36	160	T	T	T	T	T	T	T	T	T
			ETU340	55 / 85	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T
				110		T	T	T	T	T	T	T	T	
			250A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55	160	T	T	T	T	T	T	T	T
		85 / 110			160	T	T	T	T	T	T	T	T	T
		ETU320 / ETU330 / ETU560		85 / 110	250	T	T	T	T	T	T	T	T	T
				36 / 55		T	T	T	T	T	T	T	T	
		ETU340		55 / 85	160	T	T	T	T	T	T	T	T	T
				110		T	T	T	T	T	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1											
					Application	LineProtection											
					FrameSize	0					I,II						
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660					ETU15B			ETU25B / ETU27B			
					Icu[kA]	42 / 55 / 66					55 / 66 / 80 / 85 / 100			55	55 / 66 / 80 / 85		
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	400	630	800	1000	1250	630	800	1000	800	630		
3VA2	LineProtection	250A	ETU350 / ETU550 / ETU850 / ETU860	55	250	T	T	T	T	T	4.7	6.6	11	T	28		
		400A	ETU320 / ETU330 / ETU350 / ETU550 / ETU850 / ETU860	55 / 85 / 110	250			T	T	T	T			5	6.9	26	15
		630A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU850 / ETU860	85 / 110	400	630					T	T					
	ETU340	ETU320 / ETU330 / ETU350	55	400	630				T	T	T				22		
																	22
			85 / 110						T	T	T				22		
			55						T	T	T				22		



Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1										
					Application	LineProtection										
					FrameSize	I,II										
					Tripunittype	ETU25B / ETU27B										
					Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150					66 / 80	85	100	100 / 130 / 150	130 / 150	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	315	400	500	1000	800	630	800	630		
3VA2	LineProtection	250A	ETU350 / ETU550 / ETU850 / ETU860	55	250			11	17	T	T	T	28	T	28	
					250			5.5	6.9	9.6	47	26	26	15	26	15
		400A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	400						47	26	26	15	26	15
					250				9.6	47	26	26	15	26	15	
		630A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	55	630						33				
												33				
	ETU320 / ETU330 / ETU350		85 / 110	55	400						33	22	22		22	13
											33	22	22		22	13
	ETU340	85 / 110	55	400						33	22	22		22		
										33	22	22		22		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1											
					Application	LineProtection											
					FrameSize	I,II						I,II,III					
					Tripunittype	ETU45B / ETU76B						ETU15B					
					Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150						55	55 / 66 / 80 / 85	55 / 66 / 80 / 85 / 100 / 130 / 150			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	315	400	500	630	800	1000	2000	1600	1250		
3VA2	LineProtection	250A	ETU350 / ETU550 / ETU850 / ETU860	55	250			T	T	T	T	T	T	29	17		
					250					T	T	T	T	26	15	9.6	
					400						T	T	T	26	15	9.6	
		400A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	250					T	T	T	T	26	15	9.6	
					400						T	T	T	26	15	9.6	
					630								T	22	9.8	8.7	
		630A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	55	630								T	22	9.8	8.7
						400								T	22	9.8	8.7
						400								T	22	9.8	8.7
		ETU320 / ETU330 / ETU350	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	55	400						T	T	T	22	9.8	8.7
						400								T	22	9.8	8.7
						400								T	22	9.8	8.7
ETU340	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	55	400							T	T	22	9.8	8.7		
				400								T	22	9.8	8.7		

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1										
					Application	LineProtection										
					FrameSize	I,II,III										
					Tripunittype	ETU15B					ETU25B / ETU27B					
					Icu[kA]	66 / 80		85	100 / 130 / 150		55		55 / 66 / 80 / 85 / 100 / 130 / 150		66 / 80 / 85 / 100 / 130 / 150	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	2000		1600	2000	1250	2000	1600	1250	2000		
3VA2	LineProtection	250A	ETU350 / ETU550 / ETU850 / ETU860	55	250	T	T	29	T	T	T	T	T	T	T	
						250	26	26	15	26	T	T	T	T	T	
						400	26	26	15	26	T	T	T	T	T	
		400A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	250	26	26	15	26	T	T	T	T	T	T	T
						400	26	26	15	26	T	T	T	T	T	
						250	26	26	15	26	T	T	T	T	T	
		630A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	55	630	22	22	9.8	22	T	T	T	T	T	T
							22	22	9.8	22	T	T	T	62	T	
				ETU320 / ETU330 / ETU350	55	85 / 110	400	22	22	9.8	22	T	T	T	T	62
		22	22					9.8	22	T	T	T	T	T		
		22	22					9.8	22	T	T	T	62	T		
		ETU340	85 / 110	55	400	22	22	9.8	22	T	T	T	T	62	T	
22	22					9.8	22	T	T	T	62	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1												
					Application	LineProtection												
					FrameSize	I,II,III												
					Tripunittype	ETU45B / ETU76B												
					Icu[kA]	55			66			80			85			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	1250	1600	2000	1250	1600	2000	1250	1600	2000	1250	1600	2000	
3VA2	LineProtection	250A	ETU350 / ETU550 / ETU850 / ETU860	55	250	T	T	T	T	T	T	T	T	T	T	T	T	
						T	T	T	T	T	T	T	T	T	T	T	T	
						T	T	T	T	T	T	T	T	T	T	T	T	
		400A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	250	T	T	T	T	T	T	T	T	T	T	T	T	T
						T	T	T	T	T	T	T	T	T	T	T	T	
						T	T	T	T	T	T	T	T	T	T	T	T	
		ETU340	ETU340	55	630	T	T	T	T	T	T	T	T	T	T	T	T	T
						T	T	T	T	T	T	T	T	T	T	T	T	
						T	T	T	T	T	T	T	T	T	T	T	T	
		630A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	630	T	T	T	T	T	T	T	T	T	T	T	T	T
						T	T	T	T	T	T	T	T	T	T	T	T	
						T	T	T	T	T	T	T	T	T	T	T	T	
ETU320 / ETU330 / ETU350	ETU320 / ETU330 / ETU350	55	400	T	T	T	T	T	T	T	T	T	T	T	T	T		
				T	T	T	T	T	T	T	T	T	T	T	T			
				T	T	T	T	T	T	T	T	T	T	T	T			
ETU340	ETU340	85 / 110	400	T	T	T	T	T	T	T	T	T	T	T	T	T		
				T	T	T	T	T	T	T	T	T	T	T	T			
				T	T	T	T	T	T	T	T	T	T	T	T			

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1							
					Application	LineProtection							
					FrameSize	I,II,III			II,III				
					Tripunittype	ETU45B / ETU76B			ETU15B				
					Icu[kA]	100 / 130 / 150			66	66 / 80 / 100	66 / 80 / 100 / 130 / 150	80 / 100 / 130 / 150	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	1250	1600	2000	3200	4000	2500	3200	
3VA2	LineProtection	250A	ETU350 / ETU550 / ETU850 / ETU860	55	250	T	T	T	T	T	T	T	
						T	T	T	T	T	47	T	
		400A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	250	T	T	T	T	T	T	47	T
						400	T	T	T	T	T	47	T
			ETU340	55	250	T	T	T	T	T	47	T	
						630	T	T	T	T	T	33	T
		630A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	630	T	T	T	T	T	T	33	67
						400	T	T	T	T	T	33	67
	ETU320 / ETU330 / ETU350		55	400	T	T	T	T	T	T	33	T	
					85 / 110	T	T	T	T	T	33	67	
	ETU340	55	400	T	T	T	T	T	T	33	T		
				85 / 110	T	T	T	T	T	33	67		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1								
					Application	LineProtection								
					FrameSize	II,III						III		
					Tripunittype	ETU25B / ETU27B			ETU45B / ETU76B			ETU25B / ETU27B	ETU45B / ETU76B	
					Icu[kA]	66	80	100 / 130 / 150	66	80	100 / 130 / 150			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	5000 / 6300		
3VA2	LineProtection	250A	ETU350 / ETU550 / ETU850 / ETU860	55	250	T	T	T	T	T	T	T	T	
						T	T	T	T	T	T	T	T	
		400A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	250	T	T	T	T	T	T	T	T	T
						T	T	T	T	T	T	T	T	
			ETU340	250	T	T	T	T	T	T	T	T	T	
					T	T	T	T	T	T	T	T		
		630A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	630	T	T	T	T	T	T	T	T	T
						T	T	T	T	T	T	T	T	
	ETU320 / ETU330 / ETU350		55	400	T	T	T	T	T	T	T	T	T	
					T	T	T	T	T	T	T	T		
	ETU340	85 / 55 / 110	400	T	T	T	T	T	T	T	T	T		
				T	T	T	T	T	T	T	T			

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1												
					Application	LineProtection												
					FrameSize	0					I,II							
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660					ETU15B			ETU25B / ETU27B				
					Icu[kA]	42 / 55 / 66					55 / 66 / 80 / 85 / 100			55	55 / 66 / 80 / 85			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	400	630	800	1000	1250	630	800	1000	800	630			
3VA2	LineProtection	630A	ETU550 / ETU560 / ETU850 / ETU860	55	400 / 500			T	T	T				22				
				85 / 110				T	T	T			22					
		1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55	630					T	T	T						
					800							T						
					1000													
				85	630							T	T	T				
					800									T				
					1000													
		1600A	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	55	800													
					1000													
					1250													
				85 / 110	1600													
	800												39					
	1000																	
	Motor-Protection	ETU350M / ETU550M / ETU860M	160A	55	25 / 40 / 63 / 100	160 / 200	T	T	T	T	T	6.6	10	13	T	40		
							T	T	T	T	T	6.6	10	13	T	40		
			250A	55	160 / 200	T	T	T	T	T	T	4.7	6.6	11	T	28		
						T	T	T	T	T	4.7	6.6	11	T	28			
			400A	110	250	T	T	T	T	T				5	6.9	26	15	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1												
					Application	LineProtection												
					FrameSize	I,II												
					Tripunittype	ETU25B / ETU27B												
					Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150					66 / 80	85	100	100 / 130 / 150	130 / 150			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	315	400	500	1000	800	630	800	630				
3VA2	LineProtection	630A	ETU550 / ETU560 / ETU850 / ETU860	55	400 / 500					33	22	22		22	13			
				85 / 110						33	22	22		22	13			
		1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55	630							18						
					800													
					1000													
				85	630							18						
					800													
					1000													
		1600A	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	55	630													
					800													
					1000													
				85 / 110	630							18						
	800																	
	1000																	
	Motor-Protection	ETU350M / ETU550M / ETU860M	160A	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	55	800												
						1000												
			250A	55	800													
					1000													
			400A	110	25 / 40 / 63 / 100	6.6	10	13	21	T	T	T	40	T	40			
					160 / 200	6.6	10	13	21	T	T	84	40	84	40			
	55 / 110	110	6.5	6.5	11	17	T	T	T	28	T	28						
			6.5	6.5	11	17	T	57	57	28	57	28						
			250			6.9	9.6	47	26	26	15	26	15					



Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1													
					Application	LineProtection													
					FrameSize	I,II						I,II,III							
					Tripunittype	ETU45B / ETU76B						ETU15B							
					Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150						55	55 / 66 / 80 / 85	55 / 66 / 80 / 85 / 100 / 130 / 150					
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	315	400	500	630	800	1000	2000	1600	1250				
3VA2	LineProtection	630A	ETU550 / ETU560 / ETU850 / ETU860	55	400 / 500						T	T	T	22	9.8	8.7			
				85 / 110							T	T	T	22	9.8	8.7			
		1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55	630								T	T					
					800														
					1000														
				85	630									T	T				
					800														
					1000														
		110	85 / 110	630									T	T					
				800															
	800																		
	1000																		
	1600A	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	55	800															
				1000															
				1250															
				1600															
		85 / 110	800																
			1000																
			1250																
			1600																
Motor-Protection	160A	ETU350M / ETU550M / ETU860M	55	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T	42	21				
			110		T	T	T	T	T	T	T	T	42	21					
	55		160 / 200		T	T	T	T	T	T	T	T	29	17					
	110			T	T	T	T	T	T	T	T	29	17						
	400A		250				T	T	T	T	T	T	26	15	9.6				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1									
					Application	LineProtection									
					FrameSize	I,II,III									
					Tripunittype	ETU15B					ETU25B / ETU27B				
					Icu[kA]	66 / 80	85	100 / 130 / 150		55		55 / 66 / 80 / 85 / 100 / 130 / 150		66 / 80 / 85 / 100 / 130 / 150	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	2000		1600	2000	1250	2000	1600		1250	2000
3VA2	LineProtection	630A	ETU550 / ETU560 / ETU850 / ETU860	55	400 / 500	22	22	9.8	22	T	T	T	T	T	
				85 / 110		22	22	9.8	22	T	T	T	62	T	
		1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55	630						28	45	38	28	45
					800					28	45	38	28	45	
					1000					T	39		T		
				85	630				28	45	38	28	45		
					800				28	45	38	28	45		
				85 / 110	1000					T	39		58		
					630				28	45	38	28	45		
					800				28	45	38	28	45		
		1600A	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	55	800						19	15		19	
					1000					19			19		
	1250														
	1600			800						19	15		19		
				1000						19			19		
	85 / 110			1250											
				1600											
	Motor-Protection	160A	ETU350M / ETU550M / ETU860M	55	25 / 40 / 63 / 100	T	T	42	T	T	T	T	T	T	
				110		T	84	42	84	T	T	T	T		
		250A		55	160 / 200	T	T	29	T	T	T	T	T	T	
				110		55	55	29	55	T	T	T	T		
		400A			55 / 110	250	26	26	15	26	T	T	T	T	

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1															
					Application	LineProtection															
					FrameSize	I,II,III															
					Tripunittype	ETU45B / ETU76B															
					Icu[kA]	55			66			80			85						
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	1250	1600	2000	1250	1600	2000	1250	1600	2000	1250	1600	2000				
3VA2	LineProtection	630A	ETU550 / ETU560 / ETU850 / ETU860	55	400 / 500	T	T	T	T	T	T	T	T	T	T	T	T				
				85 / 110		T	T	T	T	T	T	T	T	T	T	T	T				
		1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55	630	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
					800	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
					1000		T	T		T	T		T	T		T	T		T	T	
				85	630	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
					800	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
					1000		T	T		T	T		T	T		T	T		T	T	
				110	630	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
					800	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
		1600A	ETU320 / ETU350 / ETU360 / ETU660	55	800	32	32	32	43	43	43	T	T	T	T	T	T	T	T		
					1000		32	32		43	43		T	T		T	T		T	T	
	1250						32			43			T						T		
	1600																				
	85 / 110		800	32	32	32	43	43	43	63	63	63	72	72	72	72	72	72	72		
			1000		32	32		43	43		63	63		72	72		72	72			
			1250			32			43			63							72		
			1600																		
	Motor-Protection	160A	ETU350M / ETU550M / ETU860M	55	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T			
				110		T	T	T	T	T	T	T	T	T	T	T	T	T			
		250A		55	160 / 200	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
				110		T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	400A			55 / 110	250	T	T	T	T	T	T	T	T	T	T	T	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1							
					Application	LineProtection							
					FrameSize	I,II,III			II,III				
					Tripunittype	ETU45B / ETU76B			ETU15B				
					Icu[kA]	100 / 130 / 150			66	66 / 80 / 100	66 / 80 / 100 / 130 / 150	80 / 100 / 130 / 150	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	1250	1600	2000	3200	4000	2500	3200	
3VA2	LineProtection	630A	ETU550 / ETU560 / ETU850 / ETU860	55	400 / 500	T	T	T	T	T	33	T	
				85 / 110		T	T	T	T	T	33	67	
		1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55	630	T	T	T	29	T	18	29	
					800	T	T	T	29	T	18	29	
					1000		T	T	23	40		23	
				85	630	T	T	T	29	58	18	29	
					800	T	T	T	29	58	18	29	
					1000		T	T	23	40		23	
				85 / 110	630	T	T	T	29	58	18	29	
					800	T	T	T	29	58	18	29	
		1600A	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	55	800	T	T	T	16	22	12	16	
					1000		T	T	16	22		16	
	1250						T		22				
	85 / 110			1600									
				800	T	T	T	16	22	12	16		
				1000		T	T	16	22		16		
	85 / 110			1250			T		22				
				1600									
	Motor-Protection	160A	ETU350M / ETU550M / ETU860M	55	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T
				110		T	T	T	T	T	T	T	
				55	160 / 200	T	T	T	T	T	T	T	
				110		T	T	T	T	T	T	T	
				400A	250	55 / 110	250	T	T	T	T	T	47

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1								
					Application	LineProtection								
					FrameSize	II,III						III		
					Tripunittype	ETU25B / ETU27B			ETU45B / ETU76B			ETU25B / ETU27B	ETU45B / ETU76B	
					Icu[kA]	66	80	100 / 130 / 150	66	80	100 / 130 / 150			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	5000 / 6300		
3VA2	LineProtection	630A	ETU550 / ETU560 / ETU850 / ETU860	55	400 / 500	T	T	T	T	T	T	T	T	
				85 / 110		T	T	T	T	T	T	T	T	
		1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55	630	T	T	T	T	T	T	T	T	T
					800	T	T	T	T	T	T	T	T	
					1000	T	T	T	T	T	T	T	T	
				85	630	T	T	T	T	T	T	T	T	T
					800	T	T	T	T	T	T	T	T	
					1000	T	69	69	T	T	T	69	T	
				85 / 110	630	T	T	98	T	T	T	98	T	
					800	T	T	98	T	T	T	98	T	
		1600A	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	55	800	38	38	38	43	T	T	38	T	
					1000	38	38	38	43	T	T	38	T	
	1250				38	38	38	43	T	T	38	T		
	1600				38	38	38	43	T	T	38	T		
	85 / 110			800	38	38	38	43	63	T	38	T		
				1000	38	38	38	43	63	T	38	T		
				1250	38	38	38	43	63	T	38	T		
				1600	38	38	38	43	63	T	38	T		
	Motor-Protection	160A	ETU350M / ETU550M / ETU860M	55	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	
				110		T	T	T	T	T	T	T		
		250A	160 / 200	55	T	T	T	T	T	T	T			
				110	T	T	T	T	T	T	T			
		400A	250	T	T	T	T	T	T	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1												
					Application	LineProtection												
					FrameSize	0					I,II							
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660					ETU15B			ETU25B / ETU27B				
					Icu[kA]	42 / 55 / 66					55 / 66 / 80 / 85 / 100			55	55 / 66 / 80 / 85			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	400	630	800	1000	1250	630	800	1000	800	630			
3VA2	Motor-Protection	630A	ETU350M / ETU550M / ETU860M	55	400			T	T	T				22				
					500			T	T	T				22				
				110	400			T	T	T				22				
		500					T	T	T				22					
		Starter-Protection		1000A	ETU310M	55	630 / 800					T						
							630 / 800					T						
	110		25 / 40 / 63 / 100			T	T	T	T	T	6.6	10	13	T	40			
			160	T		T	T	T	T	4.7	6.6	11	T	28				
			250			T	T	T	T		5	6.9	26	15				
			400											22				

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1											
					Application	LineProtection											
					FrameSize	I,II											
					Tripunittype	ETU25B / ETU27B											
					Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150					66 / 80	85	100	100 / 130 / 150	130 / 150		
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	315	400	500	1000	800	630	800	630			
3VA2	Motor-Protection	630A	ETU350M / ETU550M / ETU860M	55	400					33	22	22		22			
					500					33	22	22		22			
				110	400					33	22	22		22			
		500							33	22	22		22				
		Starter-Protection		1000A	ETU310M	55	630 / 800										
							630 / 800										
	630A		160A	110		25 / 40 / 63 / 100	6.5	10	13	21	T	T	84	40	84	40	
						160	4.6	6.4	11	17	T	55	55	28	55	28	
						250		5.5	6.9	9.6	47	26	26	15	26	15	
						400					33	22	22		22		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1												
					Application	LineProtection												
					FrameSize	I,II						I,II,III						
					Tripunittype	ETU45B / ETU76B						ETU15B						
					Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150						55	55 / 66 / 80 / 85	55 / 66 / 80 / 85 / 100 / 130 / 150				
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	315	400	500	630	800	1000	2000	1600	1250			
3VA2	Motor-Protection	630A	ETU350M / ETU550M / ETU860M	55	400					T	T	T	22	9.8	8.7			
					500						T	T	22	9.8	8.7			
					400					T	T	T	22	9.8	8.7			
		1000A		55	400							T	T	22	9.8	8.7		
					500						T	T	22	9.8	8.7			
					630 / 800													
	Starter-Protection	ETU310M	160A	110	630 / 800	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	42	21		
						160	T	T	T	T	T	T	T	29	17			
						250					T	T	T	26	15	9.6		
			630A		400A	400							T	T	T	22	9.8	8.7



Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1									
					Application	LineProtection									
					FrameSize	I,II,III									
					Tripunittype	ETU15B					ETU25B / ETU27B				
					Icu[kA]	66 / 80	85	100 / 130 / 150		55		55 / 66 / 80 / 85 / 100 / 130 / 150		66 / 80 / 85 / 100 / 130 / 150	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	2000		1600	2000	1250	2000	1600	1250	2000	
3VA2	Motor-Protection	630A	ETU350M / ETU550M / ETU860M	55	400	22	22	9.8	22	T	T	T	T	T	
					500	22	22	9.8	22	T	T	T	T	T	
				110	400	22	22	9.8	22	T	T	T	62	T	
					500	22	22	9.8	22	T	T	T	62	T	
		1000A		55	630 / 800					21	T	39	21	T	
					630 / 800					21	T	39	21	58	
	Starter-Protection	160A		ETU310M	110	25 / 40 / 63 / 100	T	84	42	84	T	T	T	T	T
						160	55	55	29	55	T	T	T	T	T
			250			26	26	15	26	T	T	T	T	T	
			400			22	22	9.8	22	T	T	T	62	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1													
					Application	LineProtection													
					FrameSize	I,II,III													
					Tripunittype	ETU45B / ETU76B													
					Icu[kA]	55			66			80			85				
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	1250	1600	2000	1250	1600	2000	1250	1600	2000	1250	1600	2000		
3VA2	Motor-Protection	630A	ETU350M / ETU550M / ETU860M	55	400	T	T	T	T	T	T	T	T	T	T	T	T		
					500	T	T	T	T	T	T	T	T	T	T	T			
				110	400	T	T	T	T	T	T	T	T	T	T	T	T	T	T
		500			T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		Starter-Protection		1000A	ETU310M	55	630 / 800	T	T	T	T	T	T	T	T	T	T	T	T
							630 / 800	T	T	T	T	T	T	T	T	T	T	T	
	110		25 / 40 / 63 / 100			T	T	T	T	T	T	T	T	T	T	T	T	T	
			160	T		T	T	T	T	T	T	T	T	T	T	T			
			250	T		T	T	T	T	T	T	T	T	T	T	T			
	630A		400	T		T	T	T	T	T	T	T	T	T	T	T	T		

Air circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1							
					Application	LineProtection							
					FrameSize	I,II,III			II,III				
					Tripunittype	ETU45B / ETU76B			ETU15B				
					Icu[kA]	100 / 130 / 150			66	66 / 80 / 100	66 / 80 / 100 / 130 / 150	80 / 100 / 130 / 150	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	1250	1600	2000	3200	4000	2500	3200	
3VA2	Motor-Protection	630A	ETU350M / ETU550M / ETU860M	55	400	T	T	T	T	T	33	T	
					500	T	T	T	T	T	33	T	
				110	400	T	T	T	T	T	33	67	
		500			T	T	T	T	T	33	67		
		1000A		55	630 / 800	T	T	T	23	40		23	
					630 / 800	T	T	T	23	40		23	
	Starter-Protection	ETU310M	160A	110	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T
			250A		160	T	T	T	T	T	T	T	
			400A		250	T	T	T	T	T	47	T	
			630A		400	T	T	T	T	T	33	67	
					400	T	T	T	T	T	33	67	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1									
					Application	LineProtection									
					FrameSize	II,III						III			
					Tripunittype	ETU25B / ETU27B			ETU45B / ETU76B			ETU25B / ETU27B	ETU45B / ETU76B		
					Icu[kA]	66	80	100 / 130 / 150	66	80	100 / 130 / 150				
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	2500 / 3200 / 4000	5000 / 6300			
3VA2	Motor-Protection	630A	ETU350M / ETU550M / ETU860M	55	400	T	T	T	T	T	T	T	T		
					500	T	T	T	T	T	T	T	T		
				110	400	T	T	T	T	T	T	T	T		
		500			T	T	T	T	T	T	T	T			
		Starter-Protection		1000A	ETU310M	55	630 / 800	T	T	T	T	T	T	T	T
							630 / 800	T	69	69	T	T	T	69	T
	110		25 / 40 / 63 / 100			T	T	T	T	T	T	T	T		
			160	T		T	T	T	T	T	T	T			
			250	T		T	T	T	T	T	T	T			
	630A		400A	T		T	T	T	T	T	T	T			
		400	T	T	T	T	T	T	T	T					
		400	T	T	T	T	T	T	T	T					

## in combination with motor starter protector as downstream devices

### 3WA1 - 3RV

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WA1					
						Application		LineProtection					
						FrameSize		I					
						Tripunitytype		ETU300					
						Icu[kA]		55			66		
Productline	Application	FrameSize	Tripunitytype	Un[V]Fuses	Icn[A]	Icn[kA]	630	800	1000 / 1250 / 1600 / 2000 / 2500	630	800	1000	
3RVZ	Motor-Protection	S0	TM	n.a.	20	36 / 40	T	T	T	T	T	T	
						55	16	T	T	T	T	T	T
							16 / 20 / 22 / 25 / 28 / 32	T	T	T	T	T	T
						100	0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10 / 12.5	T	T	T	T	T	T
		0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10 / 12.5			T		T	T	T	T	T		
		65			14 / 17 / 20 / 25 / 32	T	T	T	T	T	T		
					36 / 40	T	T	T	59	T	T		
					59 / 65	43	T	T	43	T	T		
					73 / 80	33	T	T	33	T	T		
		65 / 100			52	47	T	T	47	T	T		
		100			14 / 17 / 20 / 25	T	T	T	T	T	T		
					32	T	T	T	T	T	T		
	36		T	T	T	59	T	T					
	45		49	T	T	49	T	T					
	59 / 65		43	T	T	43	T	T					
	73 / 80		33	T	T	33	T	T					
	690	65	45	49	T	T	49	T	T				
		100	40	T	T	T	59	T	T				
	S3	n.a.	65	50	28	53	T	28	53	T			
				63	24	44	T	24	44	T			
				75	21	35	T	21	35	T			
				84	19	35	T	19	35	T			
				93	19	33	T	19	33	T			
				65 / 100	40	28	T	T	28	55	T		
100	19	33	T	T	19	33	61						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WA1					
						Application		LineProtection					
						FrameSize		I					
						Tripunitytype		ETU300					
						Icu[kA]		66 / 85 / 100	85		85 / 100	100	
Productline	Application	FrameSize	Tripunitytype	Un[V]Fuses	Icn[kA]	In[A]	1250 / 1600 / 2000 / 2500	800	1000	630	800	1000	
3RV2	Motor-Protection	S2	TM	n.a.	20	36 / 40	T	T	T	T	T	T	
						16	T	T	T	T	T	T	
					55	16 / 20 / 22 / 25 / 28 / 32	T	T	T	T	T	T	
						0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10 / 12.5	T	T	T	T	T	T	
		100			0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10 / 12.5	T	T	T	T	T	T		
					14 / 17 / 20 / 25 / 32	T	T	T	T	T	T		
		65			36 / 40	T	T	T	59	T	T		
					59 / 65	T	T	T	43	T	T		
					73 / 80	T	T	T	33	T	T		
					65 / 100	52	T	T	T	47	T	T	
		100			14 / 17 / 20 / 25	T	T	T	T	T	T		
					32	T	T	T	79	T	T		
					36	T	T	T	59	T	T		
					45	T	T	T	49	T	T		
	59 / 65		T	T	T	43	90	T					
	73 / 80		T	66	T	33	66	T					
	690	65	45	T	T	T	49	T	T				
		100	40	T	T	T	59	T	T				
	S3	n.a.	65	50	T	53	T	28	53	T			
				63	T	44	T	24	44	T			
				75	T	35	T	21	35	T			
				84	T	35	T	19	35	T			
				93	T	33	T	19	33	T			
				65 / 100	40	T	55	T	28	55	T		
		100	T	33	61	19	33	61					

Air circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2							Productline	3WA1
							Application	LineProtection
							FrameSize	I
							Tripunitytype	ETU600
							Icu[kA]	55 / 66 / 85 / 100
Productline	Application	FrameSize	Tripunitytype	Un[V]Fuses	Icu[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500	
3RV2	Motor-Protection	S2	TM	n.a.	20	36 / 40	T	
						55	16	T
					100		16 / 20 / 22 / 25 / 28 / 32	T
						50	0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10 / 12.5	T
		S0			0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10 / 12.5		T	
					65	14 / 17 / 20 / 25 / 32	T	
		36 / 40				T		
		59 / 65				T		
		73 / 80				T		
		65 / 100			52	T		
					100	14 / 17 / 20 / 25	T	
		32				T		
	36	T						
	45	T						
	59 / 65	T						
	73 / 80	T						
	690	65	45	T				
		100	40	T				
	S3	n.a.	65	50	T			
				63	T			
				75	T			
				84	T			
				93	T			
				40	T			
65 / 100	100	T						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WA1					
						Application	LineProtection					
						FrameSize	I					
						Tripunitytype	ETU300					
						Icu[kA]	55			66		
Productline	Application	FrameSize	Tripunitytype	Un[V]Fuses	Icu[kA]	In[A]	630	800	1000 / 1250 / 1600 / 2000 / 2500	630	800	1000
3RV2	Motor-Protection	S3	TM	n.a.	100	50	28	T	T	28	53	T
						63	24	44	T	24	44	T
						75	21	35	T	21	35	T
						84	19	35	T	19	35	T
						93	19	33	T	19	33	65



Air circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WA1					
						Application	LineProtection					
						FrameSize	I					
						Tripunitytype	ETU300					
						Icu[kA]	66 / 85 / 100	85		85 / 100	100	
Productline	Application	FrameSize	Tripunitytype	Un[V]Fuses	Icu[kA]	In[A]	1250 / 1600 / 2000 / 2500	800	1000	630	800	1000
3RV2	Motor-Protection	S3	TM	n.a.	100	50	T	53	T	28	53	T
						63	T	44	T	24	44	90
						75	T	35	70	21	35	70
						84	T	35	69	19	35	69
						93	T	33	65	19	33	65

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WA1
						Application	LineProtection
						FrameSize	I
						Tripunittype	ETU600
						Icu[kA]	55 / 66 / 85 / 100
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500
3RV2	Motor-Protection	S3	TM	n.a.	100	50	T
						63	T
						75	T
						84	T
						93	T

Air circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WA1					
						Application		LineProtection					
						FrameSize		II					
						Tripunitytype		ETU300		ETU600			
						Un[V]Fuses		690		n.a.	690		
						Icu[kA]		66 / 85 / 100	130	66 / 85 / 100	66 / 85 / 100 / 130		
Productline	Application	FrameSize	Tripunitytype	Un[V]Fuses	Icu[kA]	In[A]	2000 / 2500 / 3200 / 4000	2000 / 2500 / 3200	4000	2000 / 2500 / 3200			
3RV2	Motor-Protection	S2	TM	n.a.	20	36 / 40	T	T	T	T			
						16	T	T	T	T			
					55	16 / 20 / 22 / 25 / 28 / 32	T	T	T	T			
						0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10 / 12.5	T	T	T	T			
					100	0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10 / 12.5	T	T	T	T			
						14 / 17 / 20 / 25 / 32 / 36 / 40 / 52 / 59 / 65 / 73 / 80	T	T	T	T			
		65			14 / 17 / 20 / 25 / 32 / 36 / 45 / 52 / 59 / 65 / 73 / 80	T	T	T	T				
					45	T	T	T	T				
		100			40	T	T	T	T				
					40 / 50 / 63 / 75 / 84 / 93 / 100	T	T	T	T				
		S3			n.a.	65 / 100	690	65	45	T	T	T	T
								100	40	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WA1
						Application	LineProtection
						FrameSize	III
						Tripunittype	ETU300 / ETU600
						Icu[kA]	100 / 130 / 150
Productline	Application	FrameSize	Tripunittype	Un[V]/Fuses	Icu[kA]	In[A]	4000 / 5000 / 6300
3RV2	Motor-Protection	S2	TM	n.a.	20	36 / 40	T
					55	16	T
						16 / 20 / 22 / 25 / 28 / 32	T
					100	0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10 / 12.5	T
						0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10 / 12.5	T
					65	14 / 17 / 20 / 25 / 32 / 36 / 40 / 52 / 59 / 65 / 73 / 80	T
					100	14 / 17 / 20 / 25 / 32 / 36 / 45 / 52 / 59 / 65 / 73 / 80	T
					690	65	45
		100	40	T			
		S3	n.a.	65 / 100	40 / 50 / 63 / 75 / 84 / 93 / 100	T	

Air circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

### 3WA1 - 3RD

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3WA1
				Application	LineProtection
				FrameSize	I
				Tripunitytype	ETU300 / ETU600
				Icu[kA]	55 / 66 / 85 / 100
Productline	Application	Tripunitytype	Icu[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500
3RD1	Starter- Protection	ETU	100	2 / 7	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3WA1			
				Application	LineProtection			
				FrameSize	II			
				Tripunittype	ETU300		ETU600	
				Un[V]Fuses	690		n.a.	690
				Icu[kA]	66 / 85 / 100	130	66 / 85 / 100	66 / 85 / 100 / 130
Productline	Application	Tripunittype	Icu[kA]	In[A]	2000 / 2500 / 3200 / 4000	2000 / 2500 / 3200	4000	2000 / 2500 / 3200
3RDT	Starter- Protection	ETU	100	2 / 7	T	T	T	T

Air circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1
					Application	LineProtection
					FrameSize	III
					Tripunitytype	ETU300 / ETU600
					Icu[kA]	100 / 130 / 150
Productline	Application	Tripunitytype	Icu[kA]	In[A]	4000 / 5000 / 6300	
3RD1	Starter- Protection	ETU	100	2 / 7	T	

### 3WL1 - 3RV

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1						
						Application	LineProtection						
						FrameSize	I,II						
						Tripunittype	ETU15B			ETU25B / ETU27B		ETU45B / ETU76B	ETU55B
						Icu[kA]	55		66 / 80 / 85 / 100	55 / 66 / 80 / 85 / 100			55 / 66 / 80 / 100
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	630	800 / 1000	630 / 800 / 1000	250	315 / 400 / 500 / 630 / 800 / 1000	250 / 315 / 400 / 500 / 630 / 800 / 1000	
3RV1	Motor-Protection	500	TM	n.a.	100	1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3	T	T	T	T	T	T	T
				690	50	8 / 10	T	T	T	T	T	T	T
						12	37.3	T	T	34.9	T	T	T



Air circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1								
						Application	LineProtection								
						FrameSize	I,II,III			II,III		III			
						Tripunittype	ETU15B / ETU25B / ETU27B / ETU45B / ETU76B		ETU55B		ETU15B	ETU25B / ETU27B / ETU45B / ETU55B / ETU76B			
						Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150		55	66 / 80 / 100 / 130 / 150		66 / 80 / 100 / 130 / 150		66 / 80 / 100 / 130 / 150	
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	1250 / 1600 / 2000		1250 / 1600	1250 / 1600 / 2000		2500 / 3200	2500 / 3200 / 4000		5000 / 6300
3RV1	Motor-Protection	500	TM	n.a.	100	1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3	T	T	T	T	T	T	T	T	
				690	50	8 / 10	T	T	T	T	T	T	T		
						12	T	T	T	T	T	T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1						
						Application	LineProtection						
						FrameSize	0	I,II					
						Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	ETU15B					
						Icu[kA]	42 / 55 / 66	55	55 / 66	55 / 66 / 80 / 85 / 100	66 / 80 / 85 / 100	80 / 85 / 100	
Productline	Application	FrameSize	Tripunittype	Un[V]/Fuses	Icu[kA]	In[A]	400 / 630 / 800 / 1000 / 1250	1000	800	630	1000	800	
3RV2	Motor-Protection	S0	TM	n.a.	20	36	T	T	T	13	T	T	
						40	T	T	T	13	T	T	
						55	20	T	T	44	20	T	44
							22	T	T	38	19	T	38
							25	T	T	32	16	T	32
							28	T	T	31	16	T	31
		32			T		54	30	15	54	30		
		100			0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8	T	T	T	T	T	T		
					0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	T	T	T	T		
					1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	T	T	T	T		
		500 / S0			55	16	T	T	24	T	T		
					100	12.5	T	T	39	T	T		
		S2			500 / S0	65	14	T	T	35	T	T	
							32	T	43	23	13	43	23
							36	T	34	19	11	34	19
							40	T	32	17	10	32	17
							73	T	20	12	8.3	20	12
							80	T	19	11	7.9	19	11
	65 / 100		17	T		T	50	25	T	50			
			20	T		T	47	21	T	47			
			25	T		T	29	17	59	29			
			52	T		28	15	9.7	28	15			
	100	59	T	24	13	8.6	24	13					
		65	T	24	13	8.3	24	13					
		14	T	T	35	T	72						
		32	T	43	23	13	43	23					
		36	T	34	19	11	34	19					
		45	T	29	16	9.9	29	16					
	73	T	20	12	8.3	20	12						
	80	T	19	11	7.9	19	11						

Air circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1													
						Application	LineProtection													
						FrameSize	I,II													
						Tripunittype	ETU25B / ETU27B													
						Icu[kA]	55			55 / 66		55 / 66 / 80 / 85 / 100	66		66 / 80 / 85 / 100	80				
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	400	500	630	315	800 / 1000	250	500	630	400	800				
3RV2	Motor-Protection	S0	TM	n.a.	20	36	T	T	T	T	T	13	T	T	T	T				
						40	T	T	T	T	T	12	T	T	T	T				
						20	T	T	T	43	T	20	T	T	T	T				
						22	T	T	T	36	T	18	T	T	T	T				
						25	T	T	T	31	T	15	T	T	T	T				
						28	T	T	T	29	T	15	T	T	T	T				
					55	32	54	T	T	29	T	15	T	T	54	T				
						0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8						T	T	T	T	T	T	T	T	
						0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10						T	T	T	T	T	T	T	T	
					100	1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10						T	T	T	T	T	T	T	T	
						55	16	T	T	T	53	T	23	T	T	T	T			
						100	12.5	T	T	T	T	T	37	T	T	T	T			
		500 / 50			50	500	50	500	50	14	T	T	T	T	T	35	T	T	T	T
										32	43	T	T	22	T	13	T	T	43	T
										36	34	T	T	18	T	11	T	T	34	T
										40	32	T	T	17	T	10	T	T	32	T
										73	20	37	T	11	T	8.2	37	T	20	T
										80	19	37	T	11	T	7.8	37	T	19	T
		S2			65 / 100	65	65	100	100	17	T	T	T	48	T	24	T	T	T	T
										20	T	T	T	44	T	21	T	T	T	T
										25	T	T	T	28	T	17	T	T	59	T
										52	28	53	T	15	T	9.5	53	T	28	T
										59	24	44	T	13	T	8.5	44	T	24	T
										65	24	37	T	12	T	8.2	37	T	24	T
						100	14	T	T	T	T	T	35	T	T	T	T			
							32	43	T	T	22	T	13	T	T	43	T			
							36	34	T	T	18	T	11	T	T	34	T			
							45	29	T	T	16	T	9.8	57	T	29	T			
							73	20	37	T	11	T	8.2	37	T	20	T			
							80	19	37	T	11	T	7.8	37	T	19	T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1											
						Application		LineProtection											
						FrameSize		I,II											
						Tripunittype		ETU25B / ETU27B											
						Icu[kA]		80 / 85	80 / 85 / 100			85	100		130 / 150				
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	500	315	630	1000	800	500	800	250	315	400	500		
3RV2	Motor-Protection	S0	TM	n.a.	20	36	T	T	T	T	T	T	T						
						40	T	T	T	T	T	T	T						
						20	T	43	T	T	T	T	T						
						22	T	36	T	T	T	T	T						
						25	T	31	T	T	T	T	T						
						28	T	29	T	T	T	T	T						
		500			50	500	100	0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8	T	T	T	T	T	T	T				
								0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	T	T	T	T	T				
								1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	T	T	T	T	T				
		500 / 50			500 / 50	500 / 50	55	16	T	53	T	T	T	T	T				
								100	12.5	T	T	T	T	T	T				
								65	14	T	T	T	T	T	T	T	36	T	T
		32			T	22	T		T	T	T	T	13	23	45	T			
		36			T	18	T		T	T	T	T	11	18	35	T			
		40			T	17	T		T	T	T	T	10	17	33	T			
	73	37	11	T	T	T	37		T	8.3	12	20	39						
	80	37	11	T	T	T	37		T	7.9	11	20	39						
	S2	65 / 100	65 / 100	17	T	48	T	T	T	T	25	49	T	T					
				20	T	44	T	T	T	T	22	46	T	T					
				25	T	28	T	T	T	T	17	29	61	T					
				52	53	15	T	T	T	53	T	9.7	15	29	54				
				59	44	13	T	T	T	44	T	8.6	13	24	46				
				65	37	12	T	T	T	37	T	8.3	12	20	39				
				100	14	T	67	T	T	T	T	36	70	T	T				
					32	T	22	T	T	T	94	T	13	23	45	97			
					36	69	18	T	T	T	69	T	11	18	35	72			
	45	57	16		T	T	T	57	T	9.9	16	30	59						
	73	37	11		77	T	T	37	T	8.3	12	20	39						
	80	37	11	75	T	T	37	T	7.9	11	20	39							

Air circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1													
						Application		LineProtection													
						FrameSize		I,II				I,II,III									
						Tripunittype		ETU25B / ETU27B		ETU45B / ETU76B		ETU55B		ETU15B							
						Icu[kA]		130 / 150		55 / 66 / 80 / 85 / 100 / 130 / 150		55 / 66 / 80 / 100		55		55 / 66		66		66 / 80	
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	630	800	1000	250 / 315 / 400 / 500 / 630 / 800 / 1000		1250	1600	2000	1250	1600					
3RV2	Motor-Protection	S0	TM	n.a.	20	36					T		T	T	T	T	T				
						40					T		T	T	T	T	T				
						55	20					T		T	T	T	T	T			
							22					T		T	T	T	T	T			
							25					T		T	T	T	T	T			
							28					T		T	T	T	T	T			
		32							T		T	T	T	T	T						
		100			0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8					T				T		T	T	T	T	T	
					0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10					T				T		T	T	T	T	T	
					1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10					T				T		T	T	T	T	T	
		500 / S0			55					16				T		T	T	T	T	T	
					100					12.5				T		T	T	T	T	T	
		S2			TM	n.a.	65	14	T	T	T			T		T	T	T	T	T	T
								32	T	T	T			T		T	T	T	T	T	T
								36	T	T	T			T		T	T	T	T	T	T
	40		T	T				T			T		T	T	T	T	T	T			
	73		T	T				T			T		T	37	T	T	37	T	T		
	80		T	T				T			T		T	37	T	T	37	T	T		
	65 / 100		17	T			T	T					T		T	T	T	T	T	T	
			20	T			T	T					T		T	T	T	T	T	T	
			25	T			T	T					T		T	T	T	T	T	T	
			52	T			T	T					T		53	T	T	53	T	T	
			59	T			T	T					T		44	T	T	44	T	T	
			65	T			T	T					T		37	T	T	37	T	T	
	100		14	T			T	T					T		T	T	T	T	T	T	
			32	T			T	T					T		T	T	T	T	T	T	
			36	T			T	T					T		T	T	T	T	T	T	
		45	T	T	T					T		T	T	T	57	T	T				
		73	80	T	T					T		37	T	T	37	T	T				
		80	78	T	T					T		37	T	T	37	T	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1						
						Application		LineProtection						
						FrameSize		I,II,III						
						Tripunittype		ETU15B				ETU25B / ETU27B / ETU45B / ETU76B		
						Icu[kA]		80	80 / 85	85	85 / 100 / 130 / 150	100 / 130 / 150		55 / 66 / 80 / 85 / 100 / 130 / 150
Productline	Application	FrameSize	Tripunittype	Un[V]/Fuses	Icu[kA]	In[A]	2000	1250	2000	1600	1250	2000	1250 / 1600 / 2000	
3RV2	Motor-Protection	S0	TM	n.a.	20	36	T	T	T	T	T	T	T	
						40	T	T	T	T	T	T	T	
						55	20	T	T	T	T	T	T	T
							22	T	T	T	T	T	T	T
							25	T	T	T	T	T	T	T
							28	T	T	T	T	T	T	T
		32			T	T	T	T	T	T	T			
		100			0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8	T	T	T	T	T	T	T		
					0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	T	T	T	T	T		
					1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	T	T	T	T	T		
		500 / S0			55	16	T	T	T	T	T	T	T	
					100	12.5	T	T	T	T	T	T	T	
		S2			500 / S0	65	14	T	T	T	T	T	T	T
							32	T	T	T	T	T	T	T
							36	T	T	T	T	T	T	T
	40		T	T			T	T	T	T	T			
	73		T	37			T	T	37	T	T			
	80		T	37			T	T	37	T	T			
	65 / 100		17	T		T	T	T	T	T	T			
			20	T		T	T	T	T	T	T			
			25	T		T	T	T	T	T	T			
			52	T		53	T	T	53	T	T			
			59	T		44	T	T	44	T	T			
			65	T		37	T	T	37	T	T			
			100	14		T	T	T	T	T	T	T		
				32		T	T	T	T	94	T	T		
	36	T		69	T	T	69	T	T					
	45	T		57	T	T	57	T	T					
	73	T		37	T	82	37	T	T					
	80	T		37	T	80	37	T	T					

Air circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1						
						Application		LineProtection						
						FrameSize		I,II,III		II,III				
						Tripunittype		ETU55B		ETU15B		ETU25B / ETU27B / ETU45B / ETU76B	ETU55B	
						Icu[kA]		55	66 / 80 / 100 / 130 / 150	66 / 80 / 100	66 / 80 / 100 / 130 / 150			
Productline	Application	FrameSize	Tripunittype	Un[V]/Fuses	Icu[kA]	In[A]	1250 / 1600	1250 / 1600 / 2000	4000	2500 / 3200	2500 / 3200 / 4000			
3RV2	Motor-Protection	S0	TM	n.a.	20	36				T	T			
						40				T	T			
						55	20				T	T		
							22				T	T		
							25				T	T		
							28				T	T		
		100			32				T	T				
					0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8	T	T		T	T	T			
		500 / 50			100					T	T			
					0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10					T	T			
		S2			500 / 50	55	65	100	16				T	T
									100	12.5				T
						65 / 100			14			T	T	T
									32			T	T	T
	36								T	T	T			
	40								T	T	T			
	73								T	T	T			
	80								T	T	T			
	100	17			T	T	T							
		20			T	T	T							
		25			T	T	T							
		52			T	T	T							
		59			T	T	T							
		65			T	T	T							
	100	500 / 50	100	65 / 100	100	14			T	T	T			
						32			T	T	T			
						36			T	T	T			
						45			T	T	T			
73								T	T	T				
80			T	T	T									

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1			
						Application	LineProtection			
						FrameSize	III			
						Tripunittype	ETU25B / ETU27B / ETU45B / ETU76B		ETU55B	
						Icu[kA]	100 / 130 / 150			
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	5000 / 6300			
3RV2	Motor-Protection	S0	TM	n.a.	20	36	T			
						40	T			
					55	20	T			
						22	T			
						25	T			
						28	T			
		32				T				
		100			0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8	T	T			
					0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T				
					1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T				
		500 / S0			55	16	T			
					100	12.5	T			
		S2			TM	n.a.	65	14	T	
								32	T	
								36	T	
	40		T							
	73		T							
	65 / 100		80	T						
			17	T						
			20	T						
			25	T						
			52	T						
	100	59	T							
		65	T							
		14	T							
		32	T							
		36	T							
	45	T								
	73	T								
	80	T								



Air circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1					
						Application	LineProtection					
						FrameSize	0	I,II				
						Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660		ETU15B			
						Icu[kA]	42 / 55 / 66		55	55 / 66	55 / 66 / 80 / 85 / 100	66 / 80 / 85 / 100
Productline	Application	FrameSize	Tripunittype	Un[V]/Fuses	Icu[kA]	In[A]						
3RV2	Motor-Protection	S2	TM	690	65	45	T	29	16	9.9	29	16
					100	40	T	32	17	10	32	17
					65	75	T	14	10	6.9	14	10
						84	T	12	9	6.3	12	9
						93 / 100	T	12	9	6.3	12	9
					65 / 100	40	T	18	12	8.2	18	12
		50		T		18	12	8	18	12		
		63		T		17	11	7.8	17	11		
		75		T		14	10	6.9	14	10		
		84		T		12	9	6.3	12	9		
		93		T		12	9	6.3	12	9		
		100		100	T	12	9	6.3	12	9		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1								
						Application		LineProtection								
						FrameSize		I,II								
						Tripunittype		ETU25B / ETU27B								
						Icu[kA]		55		55 / 66		55 / 66 / 80 / 85 / 100		66		66 / 80 / 85 / 100
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	400	500	630	315	800 / 1000	250	500	630	400	800
3RV2	Motor-Protection	S2	TM	690	65	45	29	T	T	16	T	9.8	57	T	29	T
					100	40	32	T	T	17	T	10	T	T	32	T
		65			75	14	23	38	10	T	6.8	23	38	14	T	
					84	12	21	37	8.8	T	6.2	21	37	12	T	
				93 / 100	12	21	36	8.5	T	6.2	21	36	12	T		
		65 / 100		40	18	31	T	12	T	8.1	31	62	18	T		
				50	18	31	T	12	T	7.8	31	59	18	T		
				63	17	27	50	11	T	7.6	27	50	17	T		
		100		75	14	23	38	10	T	6.8	23	38	14	T		
				84	12	21	37	8.8	T	6.2	21	37	12	T		
				93	12	21	36	8.5	T	6.2	21	36	12	75		
				100	12	21	36	8.5	T	6.2	21	36	12	74		

Air circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1									
						Application		LineProtection									
						FrameSize		I,II									
						Tripunittype		ETU25B / ETU27B									
						Icu[kA]		80 / 85	80 / 85 / 100		85	100		130 / 150			
Productline	Application	FrameSize	Tripunittype	Un[V]/Fuses	Icu[kA]	In[A]	500	315	630	1000	800	500	800	250	315	400	500
3RV2	Motor-Protection	S2	TM	690	65	45	57	16	T	T	T	57	T	9.9	16	30	59
					100	40	69	17	T	T	T	69	T	10	17	33	72
		65			75	23	10	38	T	T	23	T	6.9	10	15	23	
					84	21	8.8	37	T	T	21	T	6.3	8.9	13	22	
				93 / 100	21	8.5	36	T	T	21	T	6.3	8.6	12	21		
		65 / 100		40	31	12	62	T	T	31	T	8.2	12	19	32		
				50	31	12	59	T	T	31	T	8	12	19	32		
				63	27	11	50	T	T	27	T	7.8	11	17	28		
		100		75	23	10	38	T	T	23	85	6.9	10	15	23		
				84	21	8.8	37	T	81	21	81	6.3	8.9	13	22		
				93	21	8.5	36	T	75	21	75	6.3	8.6	12	21		
				100	21	8.5	36	T	74	21	74	6.3	8.6	12	21		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1									
						Application		LineProtection									
						FrameSize		I,II				I,II,III					
						Tripunittype		ETU25B / ETU27B		ETU45B / ETU76B		ETU55B		ETU15B			
						Icu[kA]		130 / 150		55 / 66 / 80 / 85 / 100 / 130 / 150		55 / 66 / 80 / 100		55		55 / 66	
Productline	Application	FrameSize	Tripunittype	Un[V]/Fuses	Icu[kA]	In[A]	630	800	1000	250 / 315 / 400 / 500 / 630 / 800 / 1000		1250	1600	2000	1250	1600	
3RV2	Motor-Protection	S2	TM	690	65	45	T	T	T	T		T	T	T	57	T	
					100	40	T	T	T	T		T	T	T	T	T	
		S3		n.a.	65	75	39	T	T	T		23	40	T	23	40	
						84	39	T	T	T		21	42	T	21	42	
						93 / 100	38	T	T	T		21	38	T	21	38	
						40	63	T	T	T		31	T	T	31	64	
					100	50	61	T	T	T		31	T	T	31	61	
						63	51	T	T	T		27	52	T	27	52	
						75	39	88	T	T		23	40	T	23	40	
						84	39	84	T	T		21	42	T	21	42	
						93	38	77	T	T		21	38	T	21	38	
						100	38	77	T	T		21	38	T	21	38	

Air circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1						
						Application		LineProtection						
						FrameSize		I,II,III						
						Tripunittype		ETU15B				ETU25B / ETU27B / ETU45B / ETU76B		
						Icu[kA]		80	80 / 85	85	85 / 100 / 130 / 150	100 / 130 / 150		55 / 66 / 80 / 85 / 100 / 130 / 150
Productline	Application	FrameSize	Tripunittype	Un[V]/Fuses	Icu[kA]	In[A]	2000	1250	2000	1600	1250	2000	1250 / 1600 / 2000	
3RV2	Motor-Protection	S2	TM	690	65	45	T	57	T	T	57	T	T	
					100	40	T	69	T	T	69	T	T	
		S3		n.a.	65	75	75	T	23	T	40	23	T	T
						84	84	T	21	T	42	21	T	T
						93 / 100	93 / 100	T	21	T	38	21	T	T
						65 / 100	40	T	31	T	64	31	T	T
					50	50	T	31	T	61	31	T	T	
					63	63	T	27	T	52	27	T	T	
					100	75	75	T	23	T	40	23	85	T
						84	84	T	21	81	42	21	81	T
		93		93		75	21	75	38	21	75	T		
		100		100		74	21	74	38	21	74	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1					
						Application		LineProtection					
						FrameSize		I,II,III		II,III			
						Tripunittype		ETU55B		ETU15B		ETU25B / ETU27B / ETU45B / ETU76B	ETU55B
						Icu[kA]		55	66 / 80 / 100 / 130 / 150	66 / 80 / 100	66 / 80 / 100 / 130 / 150		
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	1250 / 1600	1250 / 1600 / 2000	4000	2500 / 3200	2500 / 3200 / 4000		
3RV2	Motor-Protection	S2	TM	690	65	45			T	T	T		
					100	40			T	T	T		
		S3		n.a.	65	75	75			T	T	T	
						84	84			T	T	T	
						93 / 100	93 / 100			T	T	T	
					100	65 / 100	40			T	T	T	
						50	50			T	T	T	
						63	63			T	T	T	
		100		75	75			T	T	T			
				84	84			T	T	T			
				93	93			T	T	T			
				100	100			T	T	T			

Air circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2							Productline	3WL1	
							Application	LineProtection	
							FrameSize	III	
							Tripunittype	ETU25B / ETU27B / ETU45B / ETU76B	ETU55B
							Icu[kA]	100 / 130 / 150	
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	5000 / 6300		
3RV2	Motor-Protection	S2	TM	690	65	45	T		
					100	40	T		
		S3		n.a.	65	75	75	T	
						84	84	T	
					100	93 / 100	93 / 100	T	
						65 / 100	40	T	
		n.a.		n.a.	65 / 100	50	50	T	
						63	63	T	
	100				75	75	T		
					84	84	T		
					93	93	T		
					100	100	T		

### 3WL1 - 3RD

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3WL1
				Application	LineProtection
				FrameSize	0
				Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660
				Icu[kA]	42 / 55 / 66
Productline	Application	Tripunittype	Icu[kA]	In[A]	400 / 630 / 800 / 1000 / 1250
3RD1	Starter- Protection	ETU	100	2 / 7	T



## in combination with miniature circuit breaker as downstream devices

### 3WA1 - 5SL

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1					
					Application	LineProtection					
					FrameSize	I	II				
					Tripunittype	ETU300 / ETU600	ETU300			ETU600	
					Un[V]Fuses	690			n.a.	690	
					Icu[kA]	55 / 66 / 85 / 100	66 / 85 / 100	130	66 / 85 / 100	66 / 85 / 100 / 130	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]						
5SL3	LineProtection	B	4.5	4.5	6 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T	T	T	
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1
					Application	LineProtection
					FrameSize	III
					Tripunittype	ETU300 / ETU600
					Un[V]Fuses	690
					Icu[kA]	100 / 130 / 150
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	
5SL3	LineProtection	B	4.5	4.5	6 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T

Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1				
					Application	LineProtection				
					FrameSize	I	II			
					Tripunittype	ETU300 / ETU600	ETU300		ETU600	
					Un[V]Fuses	690			n.a.	690
					Icu[kA]	55 / 66 / 85 / 100	66 / 85 / 100	130	66 / 85 / 100	66 / 85 / 100 / 130
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500	2000 / 2500 / 3200 / 4000	2000 / 2500 / 3200	4000	2000 / 2500 / 3200
5SL4	LineProtection	B	10	10	1 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T	T	T
		C/D			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1
					Application	LineProtection
					FrameSize	III
					Tripunittype	ETU300 / ETU600
					Un[V]Fuses	690
					Icu[kA]	100 / 130 / 150
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	4000 / 5000 / 6300
5SL4	LineProtection	B	10	10	1 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T
		C/D			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T

Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1					
					Application	LineProtection					
					FrameSize	I	II				
					Tripunittype	ETU300 / ETU600	ETU300			ETU600	
					Un[V]Fuses	690				n.a.	690
					Icu[kA]	55 / 66 / 85 / 100	66 / 85 / 100	130	66 / 85 / 100	66 / 85 / 100 / 130	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500	2000 / 2500 / 3200 / 4000	2000 / 2500 / 3200	4000	2000 / 2500 / 3200	
5SL6	LineProtection	B	6	6	2 / 4 / 6 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T	T	T	
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1
					Application	LineProtection
					FrameSize	III
					Tripunittype	ETU300 / ETU600
					Un[V]Fuses	690
					Icu[kA]	100 / 130 / 150
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	4000 / 5000 / 6300
5SL6	LineProtection	B	6	6	2 / 4 / 6 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T

Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3WA1					
				Application	LineProtection					
				FrameSize	I	II			III	
				Tripunittype	ETU300 / ETU600	ETU300		ETU600		ETU300 / ETU600
				Un[V]Fuses	690			n.a.	690	
				Icu[kA]	55 / 66 / 85 / 100	66 / 85 / 100	130	66 / 85 / 100	66 / 85 / 100 / 130	100 / 130 / 150
Productline	Application	Characteristic	Icn[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500	2000 / 2500 / 3200 / 4000	2000 / 2500 / 3200	4000	2000 / 2500 / 3200	4000 / 5000 / 6300
5SL60(1+N)	LineProtection	B	6	6 / 10 / 13 / 16 / 20 / 25 / 32 / 40	T	T	T	T	T	T
		C		2 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40	T	T	T	T	T	T

### 3WA1 - 5SP

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1				
					Application	LineProtection				
					FrameSize	I	II		III	
					Tripunitytype	ETU300 / ETU600		ETU600		
					Un[V]Fuses	690		n.a.	690	
					Icu[kA]	55 / 66 / 85 / 100		66 / 85 / 100	66 / 85 / 100 / 130	100 / 130 / 150
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500	4000	2000 / 2500 / 3200	4000 / 5000 / 6300	
5SP4	LineProtection	B / C	10	10	80 / 100 / 125	T	T	T	T	
		D			80 / 100	T	T	T	T	



**3WA1 - 5SY**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1							
					Application	LineProtection							
					FrameSize	I	II			III			
					Tripunittype	ETU300 / ETU600	ETU300		ETU600		ETU300 / ETU600		
					Un[V]Fuses	690			n.a.	690			
					Icu[kA]	55 / 66 / 85 / 100	66 / 85 / 100	130	66 / 85 / 100	66 / 85 / 100 / 130	100 / 130 / 150		
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500	2000 / 2500 / 3200 / 4000	2000 / 2500 / 3200	4000	2000 / 2500 / 3200	4000 / 5000 / 6300		
5SY4	LineProtection	A	35	10	0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	T	T	T	T	T	T		
		A/B/D	15		40 / 50 / 63	T	T	T	T	T	T	T	
			20		8 / 10 / 13 / 16 / 20 / 25 / 32	T	T	T	T	T	T	T	
			B		35	1 / 1.6 / 2 / 3 / 4 / 6	T	T	T	T	T	T	
		B/C	10		80	T	T	T	T	T	T	T	
		C	15		40 / 45 / 50 / 60 / 63	T	T	T	T	T	T	T	T
			20		8 / 10 / 13 / 15 / 16 / 20 / 25 / 30 / 32	T	T	T	T	T	T	T	T
			35		0.3 / 0.5 / 1 / 1.6 / 2 / 2.5 / 3 / 3.5 / 4 / 5 / 6	T	T	T	T	T	T	T	T
					D	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	T	T	T	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1						
					Application	LineProtection						
					FrameSize	I	II			III		
					Tripunittype	ETU300 / ETU600	ETU300		ETU600		ETU300 / ETU600	
					Un[V]Fuses	690			n.a.	690		
					Icu[kA]	55 / 66 / 85 / 100	66 / 85 / 100	130	66 / 85 / 100	66 / 85 / 100 / 130	100 / 130 / 150	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500	2000 / 2500 / 3200 / 4000	2000 / 2500 / 3200	4000	2000 / 2500 / 3200	4000 / 5000 / 6300	
5SY6	LineProtection	B	15	6	10 / 13 / 16 / 20 / 25 / 32	T	T	T	T	T	T	
			30		2 / 4 / 6	T	T	T	T	T	T	
		B/C /D	10		40 / 50 / 63	T	T	T	T	T	T	T
			15		8 / 10 / 13 / 15 / 16 / 20 / 25 / 32	T	T	T	T	T	T	T
		C	30		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 5 / 6	T	T	T	T	T	T	T
			15		8 / 10 / 13 / 16 / 20 / 25 / 32	T	T	T	T	T	T	T
		D	30		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	T	T	T	T	T	T	T

Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1						
					Application	LineProtection						
					FrameSize	I	II			III		
					Tripunitytype	ETU300 / ETU600	ETU300		ETU600		ETU300 / ETU600	
					Un[V]Fuses	690			n.a.	690		
					Icu[kA]	55 / 66 / 85 / 100	66 / 85 / 100	130	66 / 85 / 100	66 / 85 / 100 / 130	100 / 130 / 150	
					Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500	2000 / 2500 / 3200 / 4000
5SY7	LineProtection	B	30	15	10	T	T	T	T	T	T	
			40		6	T	T	T	T	T	T	
		B / C	20		40 / 50 / 63	T	T	T	T	T	T	
			B / C / D		25	13 / 16 / 20 / 25 / 32	T	T	T	T	T	T
		C / D			30	8 / 10	T	T	T	T	T	T
			40		3 / 4 / 6	T	T	T	T	T	T	
			50		0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	T	T	
		D	15		50 / 63	T	T	T	T	T	T	T
			20		40	T	T	T	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3WA1						
				Application	LineProtection						
				FrameSize	I	II			III		
				Tripunitytype	ETU300 / ETU600	ETU300		ETU600		ETU300 / ETU600	
				Un[V]Fuses	690			n.a.	690		
				Icu[kA]	55 / 66 / 85 / 100	66 / 85 / 100	130	66 / 85 / 100	66 / 85 / 100 / 130	100 / 130 / 150	
				Productline	Application	Characteristic	Icu[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500	2000 / 2500 / 3200 / 4000	2000 / 2500 / 3200
5SY8	LineProtection	C	25	40 / 50 / 63	T	T	T	T	T	T	
			30	13 / 16 / 20 / 25 / 32	T	T	T	T	T	T	
			40	8 / 10	T	T	T	T	T	T	
			50	3 / 4 / 6	T	T	T	T	T	T	
			70	0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	T	T	
		D	20	50 / 63	T	T	T	T	T	T	T
			25	40	T	T	T	T	T	T	T

**3WL1 - 5SL**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1
					Application	LineProtection
					FrameSize	0
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660
					Icu[kA]	42 / 55 / 66
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	400
5SL3	LineProtection	B	4.5	4.5	6 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1		
					Application	LineProtection		
					FrameSize	I,II		I,II,III
					Tripunittype	ETU15B	ETU25B / ETU27B / ETU45B / ETU76B	ETU15B / ETU25B / ETU27B / ETU45B / ETU76B
					Icu[kA]	55 / 66 / 80 / 85 / 100	55 / 66 / 80 / 85 / 100 / 130 / 150	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000	250 / 315 / 400 / 500 / 630 / 800 / 1000	1250 / 1600 / 2000
5SL3	LineProtection	B	4.5	4.5	6 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T

Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1			
					Application	LineProtection			
					FrameSize	II,III			III
					Tripunittype	ETU15B		ETU25B / ETU27B / ETU45B / ETU76B	
					Icu[kA]	66 / 80 / 100	130 / 150	66 / 80 / 100 / 130 / 150	100 / 130 / 150
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	2500 / 3200 / 4000	2500 / 3200	2500 / 3200 / 4000	5000 / 6300
5SL3	LineProtection	B	4.5	4.5	6 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T	T
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1
					Application	LineProtection
					FrameSize	0
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660
					Icu[kA]	42 / 55 / 66
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	400 / 630 / 800 / 1000 / 1250
5SL4	LineProtection	B	10	10	1 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T
		C/D			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T



Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1		
					Application	LineProtection		
					FrameSize	I,II		I,II,III
					Tripunittype	ETU15B	ETU25B / ETU27B / ETU45B / ETU76B	ETU15B / ETU25B / ETU27B / ETU45B / ETU76B
					Icu[kA]	55 / 66 / 80 / 85 / 100	55 / 66 / 80 / 85 / 100 / 130 / 150	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000	250 / 315 / 400 / 500 / 630 / 800 / 1000	1250 / 1600 / 2000
5SL4	LineProtection	B	10	10	1 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T
		C/D			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1			
					Application	LineProtection			
					FrameSize	II,III			III
					Tripunittype	ETU15B		ETU25B / ETU27B / ETU45B / ETU76B	
					Icu[kA]	66 / 80 / 100	130 / 150	66 / 80 / 100 / 130 / 150	100 / 130 / 150
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	2500 / 3200 / 4000	2500 / 3200	2500 / 3200 / 4000	5000 / 6300
5SL4	LineProtection	B	10	10	1 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T	T
		C/D			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T	T

Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1
					Application	LineProtection
					FrameSize	0
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660
					Icu[kA]	42 / 55 / 66
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	400 / 630 / 800 / 1000 / 1250
5SL6	LineProtection	B	6	6	2 / 4 / 6 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1		
					Application	LineProtection		
					FrameSize	I,II		I,II,III
					Tripunittype	ETU15B	ETU25B / ETU27B / ETU45B / ETU76B	ETU15B / ETU25B / ETU27B / ETU45B / ETU76B
					Icu[kA]	55 / 66 / 80 / 85 / 100	55 / 66 / 80 / 85 / 100 / 130 / 150	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000	250 / 315 / 400 / 500 / 630 / 800 / 1000	1250 / 1600 / 2000
5SL6	LineProtection	B	6	6	2 / 4 / 6 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T

Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1			
					Application	LineProtection			
					FrameSize	II,III			III
					Tripunittype	ETU15B		ETU25B / ETU27B / ETU45B / ETU76B	
					Icu[kA]	66 / 80 / 100	130 / 150	66 / 80 / 100 / 130 / 150	100 / 130 / 150
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	2500 / 3200 / 4000	2500 / 3200	2500 / 3200 / 4000	5000
5SL6	LineProtection	B	6	6	2 / 4 / 6 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T	T
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3WL1				
				Application	LineProtection				
				FrameSize	0	I,II		I,II,III	
				Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	ETU15B	ETU25B / ETU27B / ETU45B / ETU76B	ETU15B / ETU25B / ETU27B / ETU45B / ETU76B	
				Icu[kA]	42 / 55 / 66	55 / 66 / 80 / 85 / 100	55 / 66 / 80 / 85 / 100 / 130 / 150		
Productline	Application	Characteristic	Icn[kA]	In[A]	400 / 630 / 800 / 1000 / 1250	630 / 800 / 1000	250 / 315 / 400 / 500 / 630 / 800 / 1000	1250 / 1600 / 2000	
5SL60(1+N)	LineProtection	B	6	6 / 10 / 13 / 16 / 20 / 25 / 32 / 40	T	T	T	T	
		C		2 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40	T	T	T	T	

Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3WL1			
				Application	LineProtection			
				FrameSize	II,III			III
				Tripunittype	ETU15B		ETU25B / ETU27B / ETU45B / ETU76B	
				Icu[kA]	66 / 80 / 100	130 / 150	66 / 80 / 100 / 130 / 150	100 / 130 / 150
Productline	Application	Characteristic	Icn[kA]	In[A]	2500 / 3200 / 4000	2500 / 3200	2500 / 3200 / 4000	5000
5SL60(1+N)	LineProtection	B	6	6 / 10 / 13 / 16 / 20 / 25 / 32 / 40	T	T	T	T
		C		2 / 4 / 6 / 8 / 10 / 13 / 16 / 20 / 25 / 32 / 40	T	T	T	T

**3WL1 - 5SP**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1					
					Application	LineProtection					
					FrameSize	0		I,II			
					Tripunitytype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660		ETU15B		ETU25B / ETU27B / ETU45B / ETU76B	ETU55B
					Icu[kA]	42 / 55 / 66		55 / 66 / 80 / 85 / 100			55 / 66 / 80 / 100
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250		630	800 / 1000	250 / 315 / 400 / 500 / 630 / 800 / 1000	
5SP4	LineProtection	B	10	10	80 / 100 / 125	T				T	T
					80	T	8.8	T	T	T	
					100	T	8.3	T	T	T	
		D			125	T	7.3	T	T	T	
					80	T	7.2	T	T	T	
					100	T	7	T	T	T	



Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1							
					Application	LineProtection							
					FrameSize	I,II,III				II,III		III	
					Tripunitytype	ETU15B	ETU25B / ETU27B / ETU45B / ETU76B		ETU55B		ETU15B	ETU25B / ETU27B / ETU45B / ETU55B / ETU76B	
					Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150			55	66 / 80 / 100 / 130 / 150	66 / 80 / 100 / 130 / 150	66 / 80 / 100 / 130 / 150	100 / 130 / 150
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	1250 / 1600 / 2000		1250 / 1600	1250 / 1600 / 2000	2500 / 3200	2500 / 3200 / 4000	5000 / 6300	
5SP4	LineProtection	B	10	10	80 / 100 / 125		T	T	T		T	T	
					80	T	T	T	T	T	T	T	
					100	T	T	T	T	T	T	T	
		D			125	T	T	T	T	T	T	T	T
					80	T	T	T	T	T	T	T	T
					100	T	T	T	T	T	T	T	T

**3WL1 - 5SY**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1							
					Application	LineProtection							
					FrameSize	0		I,II					
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660		ETU15B		ETU25B / ETU27B		ETU45B / ETU76B	ETU55B
					Icu[kA]	42 / 55 / 66		55 / 66 / 80 / 85 / 100		55 / 66 / 80 / 85 / 100 / 130 / 150			55 / 66 / 80
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	400 / 630 / 800 / 1000 / 1250	630	800 / 1000	250	315 / 400 / 500 / 630 / 800 / 1000	250 / 315 / 400 / 500 / 630 / 800 / 1000		
5SY4	LineProtection	A	15	10	40	T	T	T	T	T	T	10	
					50 / 63	T	12	T	12	T	T	10	
			35		0.5	T	T	T	T	T			
					1 / 1.6	T	T	T	T	T	10		
		A/C/D	20		8 / 10 / 13 / 16 / 20 / 25 / 32	T	T	T	T	T	10		
					2 / 3 / 4 / 6	T	T	T	T	T	10		
		B	20		8	T	T	T	T	T			
					10 / 13 / 16 / 20 / 25 / 32	T	T	T	T	T	10		
			35		1 / 1.6 / 2 / 3 / 4	T	T	T	T	T			
		6			T	T	T	T	T	10			
		B/C	10		80	T	T	T	T	T			
		B/C / D	15		40 / 50 / 63	T	T	T	T	T	10		
					45 / 60	T	T	T	T	T			
		C	20		15 / 30	T	T	T	T	T			
					2.5 / 3.5 / 5	T	T	T	T	T			
		35	C/D		0.3 / 0.5 / 1 / 1.6	T	T	T	T	T	10		

Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1					
					Application	LineProtection					
					FrameSize	I,II		I,II,III			
					Tripunittype	ETU55B		ETU15B / ETU25B / ETU27B / ETU45B / ETU76B		ETU55B	
					Icu[kA]	100		55 / 66 / 80 / 85 / 100 / 130 / 150		55	66 / 80 / 100 / 130 / 150
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	250 / 315 / 400 / 500 / 800 / 1000	630	1250 / 1600 / 2000	1250 / 1600	1250 / 1600 / 2000	
5SY4	LineProtection	A	15	10	40	10		T	10	10	
					50 / 63	10		T	10	10	
			35		0.5			T			
					1 / 1.6	10	10	T	10	10	
		A/C/D	20		8 / 10 / 13 / 16 / 20 / 25 / 32	10		T	10	10	
					2 / 3 / 4 / 6	10		T	10	10	
		B	20		8			T			
					10 / 13 / 16 / 20 / 25 / 32	10		T	10	10	
			35		1 / 1.6 / 2 / 3 / 4			T			
					6	10		T	10	10	
		B/C	10		80		T				
		B/C /D	15		40 / 50 / 63	10		T	10	10	
					45 / 60			T			
		C	20		15 / 30			T			
					2.5 / 3.5 / 5			T			
		35	C/D		0.3 / 0.5 / 1 / 1.6	10	10	T	10	10	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1					
					Application	LineProtection					
					FrameSize	II,III				III	
					Tripunittype	ETU15B		ETU25B / ETU27B / ETU45B / ETU76B	ETU55B	ETU25B / ETU27B / ETU45B / ETU76B	ETU55B
					Icu[kA]	66 / 80 / 100	130 / 150	66 / 80 / 100 / 130 / 150		100 / 130 / 150	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	2500 / 3200 / 4000	2500 / 3200	2500 / 3200 / 4000	5000 / 6300		
5SY4	LineProtection	A	15	10	40	T	T	T	10	T	10
					50 / 63	T	T	T	10	T	10
			35		0.5	T	T	T		T	
					1 / 1.6	T	T	T	10	T	10
		A/C/D	20		8 / 10 / 13 / 16 / 20 / 25 / 32	T	T	T	10	T	10
					2 / 3 / 4 / 6	T	T	T	10	T	10
		B	20		8	T	T	T		T	
					10 / 13 / 16 / 20 / 25 / 32	T	T	T	10	T	10
			35		1 / 1.6 / 2 / 3 / 4	T	T	T		T	
		6			T	T	T	10	T	10	
		B/C	10		80	T	T	T		T	
					B/C /D	15	40 / 50 / 63	T	T	T	10
		C	15		45 / 60		T	T	T		T
					20	15 / 30	T	T	T		T
			35			2.5 / 3.5 / 5	T	T	T		T
		C/D			35	0.3 / 0.5 / 1 / 1.6	T	T	T	10	T

Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1				
					Application	LineProtection				
					FrameSize	0		I,II		
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660		ETU15B	ETU25B / ETU27B / ETU45B / ETU76B	ETU55B
					Icu[kA]	42 / 55 / 66		55 / 66 / 80 / 85 / 100	55 / 66 / 80 / 85 / 100 / 130 / 150	55 / 66 / 80 / 100
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	400 / 630 / 800 / 1000 / 1250	630 / 800 / 1000	250 / 315 / 400 / 500 / 630 / 800 / 1000		
5SY6	LineProtection	B	15	6	10 / 13 / 16 / 20 / 25 / 32	T	T	T	6	
			30		2 / 4	T	T	T		
					6	T	T	T	6	
		B/C / D	10		40 / 50 / 63	T	T	T	6	
			C		15	15	T	T	T	
		30			5	T	T	T		
		C/D	15		8 / 10 / 13 / 16 / 20 / 25 / 32	T	T	T	6	
			30		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	T	T	T	6	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1								
					Application	LineProtection								
					FrameSize	I,II,III				II,III				
					Tripunittype	ETU15B / ETU25B / ETU27B / ETU45B / ETU76B		ETU55B		ETU15B		ETU25B / ETU27B / ETU45B / ETU76B		ETU55B
					Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150		55	66 / 80 / 100 / 130 / 150		66 / 80 / 100		130 / 150	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	1250 / 1600 / 2000	1250 / 1600	1250 / 1600 / 2000	2500 / 3200 / 4000	2500 / 3200	2500 / 3200 / 4000			
5SY6	LineProtection	B	15	6	10 / 13 / 16 / 20 / 25 / 32	T	6	6	T	T	T	6		
			30		2 / 4	T			T	T	T			
			6		6	T	6	6	T	T	T	6		
		B/C / D	10		40 / 50 / 63	T	6	6	T	T	T	T	6	
			15		15	T			T	T	T			
		C	30		5	T			T	T	T			
			C/D		15	8 / 10 / 13 / 16 / 20 / 25 / 32	T	6	6	T	T	T	6	
		30			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	T	6	6	T	T	T	6		

Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1	
					Application	LineProtection	
					FrameSize	III	
					Tripunittype	ETU25B / ETU27B / ETU45B / ETU76B	ETU55B
					Icu[kA]	100 / 130 / 150	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	5000 / 6300	
5SY6	LineProtection	B	15	6	10 / 13 / 16 / 20 / 25 / 32	T	6
			30		2 / 4	T	
			6		6	T	6
		B/C /D	10		40 / 50 / 63	T	6
			C		15	15	T
		30			5	T	
		C/D	15		8 / 10 / 13 / 16 / 20 / 25 / 32	T	6
			30		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	T	6

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1				
					Application	LineProtection				
					FrameSize	0		I,II		
					Tripunitytype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660		ETU15B	ETU25B / ETU27B / ETU45B / ETU76B	ETU55B
					Icu[kA]	42 / 55 / 66		55 / 66 / 80 / 85 / 100	55 / 66 / 80 / 85 / 100 / 130 / 150	55 / 66 / 80 / 100
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	400 / 630 / 800 / 1000 / 1250	630 / 800 / 1000	250 / 315 / 400 / 500 / 630 / 800 / 1000		
5SY7	LineProtection	B	20	15	40 / 50 / 63	T	T	T	15	
			30		10	T	T	T	15	
			40		6	T	T	T	15	
		B/C / D	25		13 / 16 / 20 / 25 / 32	T	T	T	15	
			20		50 / 63	T	T	T		
		C/D	20		40	T	T	T	15	
			30		8 / 10	T	T	T	15	
			40		3 / 4 / 6	T	T	T	15	
			50		0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	15	
		D	15		50 / 63	T	T	T	T	



Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1								
					Application	LineProtection								
					FrameSize	I,II,III				II,III				
					Tripunitytype	ETU15B / ETU25B / ETU27B / ETU45B / ETU76B		ETU55B		ETU15B		ETU25B / ETU27B / ETU45B / ETU76B		ETU55B
					Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150		55	66 / 80 / 100 / 130 / 150		66 / 80 / 100		130 / 150	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	1250 / 1600 / 2000	1250 / 1600	1250 / 1600 / 2000	2500 / 3200 / 4000	2500 / 3200	2500 / 3200 / 4000			
5SY7	LineProtection	B	20	15	40 / 50 / 63	T	15	15	T	T	T	15		
			30		10	T	15	15	T	T	T	15		
			40		6	T	15	15	T	T	T	15		
		B/C / D	25		13 / 16 / 20 / 25 / 32	T	15	15	T	T	T	T	15	
			20		50 / 63	T			T	T	T			
		C/D	20		40	T	15	15	T	T	T	T	15	
			30		8 / 10	T	15	15	T	T	T	T	15	
			40		3 / 4 / 6	T	15	15	T	T	T	T	15	
			50		0.3 / 0.5 / 1 / 1.6 / 2	T	15	15	T	T	T	T	15	
		D	15		50 / 63	T	T	T	T	T	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1	
					Application	LineProtection	
					FrameSize	III	
					Tripunitytype	ETU25B / ETU27B / ETU45B / ETU76B	ETU55B
					Icu[kA]	100 / 130 / 150	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	5000 / 6300	
5SY7	LineProtection	B	20	15	40 / 50 / 63	T	15
			30		10	T	15
			40		6	T	15
		B/C / D	25		13 / 16 / 20 / 25 / 32	T	15
			20		50 / 63	T	
		C/D	20		40	T	15
			30		8 / 10	T	15
			40		3 / 4 / 6	T	15
			50		0.3 / 0.5 / 1 / 1.6 / 2	T	15
			15		50 / 63	T	T

Air circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3WL1					
				Application	LineProtection					
				FrameSize	0		I,II			
				Tripunitytype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660		ETU15B	ETU25B / ETU27B / ETU45B / ETU76B	ETU55B	
				Icu[kA]	42 / 55 / 66		55 / 66 / 80 / 85 / 100	55 / 66 / 80 / 85 / 100 / 130 / 150	55 / 66 / 100	80
Productline	Application	Characteristic	Icu[kA]	In[A]	400 / 630 / 800 / 1000 / 1250	630 / 800 / 1000	250 / 315 / 400 / 500 / 630 / 800 / 1000			
5SY8	LineProtection	C	25	50	T	T	T			
				63	T	T	T	20		
		C/D	25	40	T	T	T	T	T	
				30	13 / 16 / 20 / 25 / 32	T	T	T	T	T
				40	8 / 10	T	T	T	T	T
				50	3 / 4 / 6	T	T	T	T	T
				70	0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	T
		D	20	50 / 63	T	T	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3WL1				
				Application	LineProtection				
				FrameSize	I,II,III				
				Tripunitytype	ETU15B / ETU25B / ETU27B / ETU45B / ETU76B		ETU55B		
				Icu[kA]	55 / 66 / 80 / 85 / 100 / 130 / 150		55 / 66	66	80 / 130 / 150
Productline	Application	Characteristic	Icu[kA]	In[A]	1250 / 1600 / 2000	1250 / 1600	2000	1250 / 1600 / 2000	
5SY8	LineProtection	C	25	50	T				
				63	T	20			20
		C/D	25	40	T	T	T	T	T
				30	T	T	T	T	T
				40	T	T	T	T	T
				50	T	T	T	T	T
				70	T	T	T	T	T
		D	20	50 / 63	T	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3WL1									
				Application	LineProtection									
				FrameSize	II,III						III			
				Tripunitytype	ETU15B		ETU25B / ETU27B / ETU45B / ETU76B		ETU55B		ETU25B / ETU27B / ETU45B / ETU76B		ETU55B	
				Icu[kA]	66 / 80 / 100	130 / 150	66 / 80 / 100 / 130 / 150	66 / 80 / 130 / 150	100	100 / 130 / 150	100	130 / 150		
Productline	Application	Characteristic	Icu[kA]	In[A]	2500 / 3200 / 4000	2500 / 3200	2500 / 3200 / 4000			5000 / 6300				
5SY8	LineProtection	C	25	50	T	T	T			T				
				63	T	T	T		20	T	20			
		C/D	25	40	T	T	T	T	T	T	T	T	T	
				30	13 / 16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	
				40	8 / 10	T	T	T	T	T	T	T	T	
				50	3 / 4 / 6	T	T	T	T	T	T	T	T	
				70	0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	T	T	T	T	
				20	50 / 63	T	T	T	T	T	T	T	T	

## in combination with residual current protective device as downstream devices

### 3WA1 - 5SU

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WA1								
						Application	LineProtection								
						FrameSize	I			II			III		
						Tripunittype	ETU300 / ETU600		ETU300			ETU600		ETU300 / ETU600	
						Un[V]Fuses	690				n.a.		690		
						Icu[kA]	55 / 66 / 85 / 100		66 / 85 / 100		130		66 / 85 / 100		66 / 85 / 100 / 130
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500	2000 / 2500 / 3200 / 4000	2000 / 2500 / 3200	4000	2000 / 2500 / 3200	4000 / 5000 / 6300			
5SU1(RCBO)	FR/FN/FP	LineProtection	B/C	6/ 7.5	6	6 / 10 / 13 / 16 / 20 / 25 / 32	T	T	T	T	T	T			
				15	10	6 / 10 / 13 / 15 / 16 / 20 / 25 / 32	T	T	T	T	T	T			
	B		10	6	40	T	T	T	T	T	T				
			15		10 / 13 / 16 / 20 / 25 / 32	T	T	T	T	T	T				
			20	10	10 / 13 / 16 / 20 / 25	T	T	T	T	T	T				
			25	6	6	T	T	T	T	T	T				
	B/C	10	15	32 / 40	T	T	T	T	T	T	T				
			35	6	T	T	T	T	T	T					
	C	4.5/6	10	40	T	T	T	T	T	T	T				
			15	8 / 10 / 13 / 16 / 20 / 25 / 32	T	T	T	T	T	T	T				
		20	10	8 / 10 / 13 / 16 / 20 / 25	T	T	T	T	T	T	T				
		25	4.5/6	6	T	T	T	T	T	T	T				

Air circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1			
					Application	LineProtection			
					FrameSize	I	II		III
					Tripunittype	ETU300 / ETU600	ETU600		
					Un[V]Fuses	690	n.a.	690	
					Icu[kA]	55 / 66 / 85 / 100	66 / 85 / 100	66 / 85 / 100 / 130	100 / 130 / 150
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500	4000	2000 / 2500 / 3200	4000 / 5000 / 6300
5SU9(RCBO)	LineProtection	C	10	6 / 10	6 / 10 / 16 / 20 / 25 / 32 / 40 / 50 / 63	T	T	T	T
		D		10		T	T	T	T

**3WA1 - 5SV**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1					
					Application	LineProtection					
					FrameSize	I	II			III	
					Tripunitytype	ETU300 / ETU600	ETU300		ETU600		ETU300 / ETU600
					Un[V]Fuses	690			n.a.	690	
					Icu[kA]	55 / 66 / 85 / 100	66 / 85 / 100	130	66 / 85 / 100	66 / 85 / 100 / 130	100 / 130 / 150
					Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500
5SV1 (RCBO, 1+N)	LineProtection	B	4.5	4.5	6 / 10 / 13 / 16	T	T	T	T	T	T
			15	6	13 / 16	T	T	T	T	T	T
			25		10	T	T	T	T	T	
			35		6	T	T	T	T	T	
		C	4.5	4.5	2 / 4 / 6 / 10 / 13 / 16	T	T	T	T	T	T
			10			6	T	T	T	T	T



Air circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1				
					Application	LineProtection				
					FrameSize	I	II		III	
					Tripunittype	ETU300 / ETU600		ETU600		
					Un[V]Fuses	690		n.a.	690	
					Icu[kA]	55 / 66 / 85 / 100		66 / 85 / 100	66 / 85 / 100 / 130	100 / 130 / 150
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500	4000	2000 / 2500 / 3200	4000 / 5000	
5SV9(RCBO,1+N)	LineProtection	B	6	6	6 / 10 / 16 / 20 / 25 / 32 / 40	T	T	T	T	
			4.5	4.5		T	T	T	T	
		C	6	6	6 / 10 / 16 / 20 / 25 / 32	T	T	T	T	
			4.5	4.5		T	T	T	T	

### 3WL1 - 5SU

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1				
					Application	LineProtection				
					FrameSize	0	I,II		I,II,III	
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	ETU15B	ETU25B / ETU27B / ETU45B / ETU76B		ETU15B / ETU25B / ETU27B / ETU45B / ETU76B
					Icu[kA]	42 / 55 / 66	55 / 66 / 80 / 85 / 100	55 / 66 / 80 / 85 / 100 / 130 / 150		
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	400 / 630 / 800 / 1000 / 1250	630 / 800 / 1000	250 / 315 / 400 / 500 / 630 / 800 / 1000	1250 / 1600 / 2000	
5SU1(RCBO)	LineProtection	B	10	6	40	T	T	T	T	
					10 / 13 / 16 / 20 / 25 / 32	T	T	T	T	
			20	10	10 / 13 / 16 / 20 / 25	T	T	T	T	
			25	6	6	T	T	T	T	
		B/C	10	15	32 / 40	T	T	T	T	
				35	6	T	T	T	T	
		C	4.5 / 6	10	40	T	T	T	T	
				15	8 / 10 / 13 / 16 / 20 / 25 / 32	T	T	T	T	
			20	10	8 / 10 / 13 / 16 / 20 / 25	T	T	T	T	
			25	4.5 / 6	6	T	T	T	T	

Air circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1			
					Application	LineProtection			
					FrameSize	II,III			III
					Tripunittype	ETU15B		ETU25B / ETU27B / ETU45B / ETU76B	
					Icu[kA]	66 / 80 / 100	130 / 150	66 / 80 / 100 / 130 / 150	100 / 130 / 150
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	2500 / 3200 / 4000	2500 / 3200	2500 / 3200 / 4000	5000 / 6300
5SU1(RCBO)	LineProtection	B	10	6	40	T	T	T	T
					10 / 13 / 16 / 20 / 25 / 32	T	T	T	T
			20	10	10 / 13 / 16 / 20 / 25	T	T	T	T
			25	6	6	T	T	T	T
		B/C	10	15	32 / 40	T	T	T	T
				35	6	T	T	T	T
		C	10	4.5 / 6	40	T	T	T	T
					8 / 10 / 13 / 16 / 20 / 25 / 32	T	T	T	T
			20	10	8 / 10 / 13 / 16 / 20 / 25	T	T	T	T
			25	4.5 / 6	6	T	T	T	T

### 3WL1 - 5SV

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1			
					Application	LineProtection			
					FrameSize	0	I,II		I,II,III
					Tripunitytype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	ETU15B	ETU25B / ETU27B / ETU45B / ETU76B	ETU15B / ETU25B / ETU27B / ETU45B / ETU76B
					Icu[kA]	42 / 55 / 66	55 / 66 / 80 / 85 / 100	55 / 66 / 80 / 85 / 100 / 130 / 150	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	400 / 630 / 800 / 1000 / 1250	630 / 800 / 1000	250 / 315 / 400 / 500 / 630 / 800 / 1000	1250 / 1600 / 2000
5SV1(RCBO,1+N)	LineProtection	B	4.5	4.5	6 / 10 / 13 / 16	T	T	T	T
			15	6	13 / 16	T	T	T	T
			25		10	T	T	T	T
			35		6	T	T	T	T
		C	4.5	4.5	2 / 4 / 6 / 10 / 13 / 16	T	T	T	T
			10			6	T	T	T

Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1			
					Application	LineProtection			
					FrameSize	II,III			III
					Tripunitytype	ETU15B		ETU25B / ETU27B / ETU45B / ETU76B	
					Icu[kA]	66 / 80 / 100	130 / 150	66 / 80 / 100 / 130 / 150	100 / 130 / 150
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	2500 / 3200 / 4000	2500 / 3200	2500 / 3200 / 4000	5000 / 6300
5SV1(RCBO,1+N)	LineProtection	B	4.5	4.5	6 / 10 / 13 / 16	T	T	T	T
			15	6	13 / 16	T	T	T	T
			25		10	T	T	T	T
			35		6	T	T	T	T
		C	4.5	4.5	2 / 4 / 6 / 10 / 13 / 16	T	T	T	T
			10			T	T	T	T

## in combination with NH-fuse system as downstream devices

### 3WA1 - 3NA

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WA1													
						Application	LineProtection													
						FrameSize	I													
						Tripunittype	ETU300													
						Icu[kA]	55		55 / 66				66	66 / 85 / 100	85					
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	1600	2500	630	800	1000	1250	2000	2500	1600	1000				
3NA	LineProtection	NH000	gG	400	120	10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T			
						125	T	T	T	T	T	T	T	T	T	T	T			
						160	T	T	31	T	T	T	T	T	T	T	T	T		
						2 / 4 / 6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T	
						2 / 4 / 6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50	T	T	T	T	T	T	T	T	T	T	T	T	T	
						80 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T	T
		NH00		400 / 500		125	T	T	T	T	T	T	T	T	T	T	T	T	T	T
						160	T	T	32	T	T	T	T	T	T	T	T	T	T	
						40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T	
						35 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T	
						6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T	T
						125	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	NH1	400 / 500 / 690	400	35 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T			
				224	T	T	14	30	T	T	T	T	T	T	T	75				
				250	T	T	10	19	47	T	T	T	T	T	T	47				
				125	T	T	T	T	T	T	T	T	T	T	T	T	T			
				160	T	T	33	T	T	T	T	T	T	T	T	T				
				16 / 20 / 25 / 35 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T			
	NH1 / NH2	400 / 500 / 690	690	50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	T				
				200	T	T	16	39	T	T	T	T	T	T	T					

Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WA1													
						Application	LineProtection													
						FrameSize	I													
						Tripunittype	ETU300					ETU600								
						Icu[kA]	85 / 100					100	55		55 / 66 / 85 / 100					
Productline	Application	FrameSize	Characteristic	Un[V]/Fuses	Icu[kA]	In[A]	630	800	1250	2000	2500	1000	1250	1600 / 2000 / 2500	630	800	1000			
3NA	LineProtection	NH000	gG	400	120	10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T			
						125	75	T	T	T	T	T	T	T	T	T	T			
						160	31	80	T	T	T	T	T	T	T	T	T	T		
						2 / 4 / 6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	T		
						2 / 4 / 6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50	T	T	T	T	T	T	T	T	T	T	T	T		
						80 / 100	T	T	T	T	T	T	T	T	T	T	T	T		
		NH00		400 / 500		125	67	T	T	T	T	T	T	T	T	T	T	T	T	T
						160	32	81	T	T	T	T	T	T	T	T	T	T	T	
						40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	T		
						35 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	T		
						6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	T		
						125	68	T	T	T	T	T	T	T	T	T	T	T		
	NH1 / NH2	400 / 500 / 690	NH1	gG	400	120	35 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T		
							224	14	30	T	T	T	75	T	T	T	T			
							250	10	19	T	T	T	47	T	T	T	T			
							125	66	T	T	T	T	T	T	T	T	T			
							160	33	78	T	T	T	T	T	T	T	T			
							16 / 20 / 25 / 35 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T		
	NH1 / NH2	400 / 500 / 690	NH2	gG	400 / 690		120	50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	
								200	16	39	T	T	T	88	T	T	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WA1	
						Application		LineProtection	
Productline						FrameSize		I	
Application						Tripunittype		ETU600	
FrameSize						Icu[kA]		66 / 85 / 100	
Characteristic						In[A]		1250 / 1600 / 2000 / 2500	
Un[V]/Fuses						Icu[kA]			
3NA	LineProtection	NH000	gG	400	10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100		T		
					125		T		
					160		T		
				500	2 / 4 / 6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100		T		
					2 / 4 / 6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50		T		
					80 / 100		T		
		NH00	gG	400 / 500	125		T		
					160		T		
					40 / 50 / 63 / 80 / 100		T		
				690	35 / 50 / 63 / 80 / 100		T		
					6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100		T		
					125		T		
	NH0 / NH2	gG	500	160		T			
				35 / 40 / 50 / 63 / 80 / 100		T			
				224		T			
			400 / 500 / 690	250		T			
				125		T			
				160		T			
	NH1	gG	500	16 / 20 / 25 / 35 / 40 / 50 / 63 / 80 / 100		T			
				50 / 63 / 80 / 100		T			
				200		T			
			400 / 500 / 690	50 / 63 / 80 / 100		T			
				16 / 20 / 25 / 35 / 40 / 50 / 63 / 80 / 100		T			
				200		T			



Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WA1								
						Application		LineProtection								
						FrameSize		I								
						Tripunittype		ETU300								
						Icu[kA]		55		55 / 66			66	66 / 85 / 100	85	
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	1600	2500	630	800	1000	1250	2000	2500	1600	1000
3NA	LineProtection	NH2	gG	400 / 500 / 690	120	50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T
						355	T	T	10	12	19	42	T	T	T	19
						400	T	T		10	14	25	T	T	63	14
						125	T	T	T	T	T	T	T	T	T	T
						160	T	T	33	T	T	T	T	T	T	T
						224	T	T	14	30	T	T	T	T	T	75
		250		T		T	10	19	47	T	T	T	T	47		
		300 / 315		T		T	10	14	28	T	T	T	T	28		
		80 / 100		T		T	T	T	T	T	T	T	T	T		
		200		T		T	17	41	T	T	T	T	T	T		
		224		T		T	14	28	T	T	T	T	T	72		
		300 / 315		T		T	10	14	28	T	T	T	T	28		
	630	19	T					32	59	19						
	250	T	T	10	19	46	T	T	T	T	46					
	355	T	T	10	12	19	42	T	T	T	19					
	400	T	T		10	14	25	T	T	63	14					
	425 / 500	35	T				16	T	T	35						
	690	315	T	T	10	14	28	T	T	T	28					
	1250															
	630		T						51	T						
	800		41							41						
	1000															
	500	35	T				15	18	T	T	35	15				
	1250															

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WA1													
						Application		LineProtection													
						FrameSize		I													
						Tripunittype		ETU300				ETU600									
						Icu[kA]		85 / 100			100	55		55 / 66 / 85 / 100							
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	630	800	1250	2000	2500	1000	1250	1600 / 2000 / 2500	630	800	1000				
3NA	LineProtection	NH2	gG	120	400	50 / 63 / 80 / 100	T	T	T	T	T	T	T	T	T	T	T	T			
					400 / 500	355	10	12	42	T	T	19	T	T	T	T	T	T	T	T	
					400	400		10	25	T	T	14	T	T	T	T	T	T	T	T	T
					400 / 690	125	68	T	T	T	T	T	T	T	T	T	T	T	T	T	T
					400 / 500 / 690	160	33	84	T	T	T	T	T	T	T	T	T	T	T	T	T
					400 / 500 / 690	224	14	30	T	T	T	75	T	T	T	T	T	T	T	T	T
		400 / 500 / 690			250	10	19	T	T	T	47	T	T	T	T	T	T	T	T	T	
		400 / 500 / 690			300 / 315	10	14	66	T	T	28	T	T	T	T	T	T	T	T	T	T
		690			80 / 100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
		500			200	17	41	T	T	T	88	T	T	T	T	T	T	T	T	T	T
		500			224	14	28	T	T	T	72	T	T	T	T	T	T	T	T	T	T
		500			300 / 315	10	14	66	T	T	28	T	T	T	T	T	T	T	T	T	T
	500 / 690	630					32	59		T	T	T	T	T	T	T	T	T	T		
	500 / 690	250		10	19	T	T	T	46	T	T	T	T	T	T	T	T	T	T		
	500 / 690	355		10	12	42	T	T	19	T	T	T	T	T	T	T	T	T	T		
	500 / 690	400			10	25	T	T	14	T	T	T	T	T	T	T	T	T	T		
	500 / 690	425 / 500				16	69	T		T	T	T	T	T	T	T	T	T	T		
	500	690		315	10	14	66	T	T	28	T	T	T	T	T	T	T	T	T		
	500	NH4		1250											T						
	500	NH4 / NH4a		630				51	83		T	T	T	T	T	T	T	T	T		
	500	NH4 / NH4a		800					41		T	T	T	T	T	T	T	T	T		
	500	NH4a		1000							T	T	T	T	T	T	T	T	T		
	500	NH4a		500				18	73	T	15	T	T	T	T	T	T	T	T		
	500	NH4a		1250											T	T	T	T	T		

Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WA1
						Application	LineProtection
						FrameSize	I
						Tripunittype	ETU600
						Icu[kA]	66 / 85 / 100
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	1250 / 1600 / 2000 / 2500
3NA	LineProtection	NH2	gG	400	120	50 / 63 / 80 / 100	T
						355	T
				400		T	
				400 / 500 / 690		125	T
						160	T
						224	T
						250	T
		300 / 315				T	
		690		500		80 / 100	T
						200	T
						224	T
						300 / 315	T
						630	T
						250	T
	355		T				
	500 / 690	500	400	T			
			425 / 500	T			
			690	T			
			315	T			
	NH4	500	NH4	1250	T		
				630	T		
				800	T		
				1000	T		
				500	T		
				1250	T		
				NH4 / NH4a	500	NH4a	630
	800	T					
	1000	T					
500	T						
NH4a	500	NH4a	1250	T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WA1												
						Application		LineProtection												
Productline		FrameSize		II																
Application		Characteristic		ETU300																
FrameSize		Un[V]Fuses		690																
Icu[kA]		Icu[kA]		66		66 / 85	85	85 / 100 / 130		100	100 / 130									
In[A]		Un[V]Fuses		2000	2500	4000	3200	4000	2000	2500	4000	3200								
3NA	LineProtection	gG	NH000	400	10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100 / 125 / 160							T	T	T	T	T	T	T	T	T
				500	2 / 4 / 6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100							T	T	T	T	T	T	T	T	T
			690	2 / 4 / 6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50							T	T	T	T	T	T	T	T	T	
			NH00	400	80 / 100 / 125 / 160							T	T	T	T	T	T	T	T	T
				500	35 / 50 / 63 / 80 / 100 / 125 / 160							T	T	T	T	T	T	T	T	T
				690	40 / 50 / 63 / 80 / 100							T	T	T	T	T	T	T	T	T
			NH0	500	6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100 / 125 / 160							T	T	T	T	T	T	T	T	T
				400	35 / 40 / 50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250							T	T	T	T	T	T	T	T	T
			NH1	500	16 / 20 / 25 / 35 / 40 / 50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250							T	T	T	T	T	T	T	T	T
				690	50 / 63 / 80 / 100 / 125 / 160 / 200							T	T	T	T	T	T	T	T	T
		NH2	400	50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250 / 300 / 315 / 355 / 400							T	T	T	T	T	T	T	T	T	
			500	35 / 50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250 / 300 / 315 / 355 / 400							T	T	T	T	T	T	T	T	T	
			690	80 / 100 / 125 / 160 / 200 / 224 / 250 / 300 / 315							T	T	T	T	T	T	T	T	T	
			500	200 / 224 / 250 / 300 / 315 / 355 / 400							T	T	T	T	T	T	T	T	T	
		NH3	500/690	630							32	59	T	T	T	32	59	T	T	
			690	425 / 500							T	T	T	T	T	69	T	T	T	
			690	250 / 315 / 355 / 400							T	T	T	T	T	T	T	T	T	
			500	630	630							51	T	T	T	T	51	83	T	T
		800		800								41	T	T	T		41	T	85	
		1000		1000									T	55	T			92	55	
1250	1250									57		72			72					
NH4a		500	500							T	T	T	T	T	73	T	T	T		

Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WA1	
						Application	LineProtection	
						FrameSize	II	
						Tripunittype	ETU600	
						Un[V]Fuses	n.a.	690
						Icu[kA]	66 / 85 / 100	66 / 85 / 100 / 130
						In[A]	4000	2000 / 2500 / 3200
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]			
3NA	LineProtection	NH000	gG	400	120	10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100 / 125 / 160	T	T
				500		2 / 4 / 6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100	T	T
				690		2 / 4 / 6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50	T	T
				400		80 / 100 / 125 / 160	T	T
				500		35 / 50 / 63 / 80 / 100 / 125 / 160	T	T
				690		40 / 50 / 63 / 80 / 100	T	T
				500		6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100 / 125 / 160	T	T
				400		35 / 40 / 50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250	T	T
				500		16 / 20 / 25 / 35 / 40 / 50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250	T	T
				690		50 / 63 / 80 / 100 / 125 / 160 / 200	T	T
				400		50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250 / 300 / 315 / 355 / 400	T	T
				500		35 / 50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250 / 300 / 315 / 355 / 400	T	T
		690	80 / 100 / 125 / 160 / 200 / 224 / 250 / 300 / 315	T	T			
		500	200 / 224 / 250 / 300 / 315 / 355 / 400	T	T			
		500/690	630	T	T			
		690	425 / 500	T	T			
		690	250 / 315 / 355 / 400	T	T			
		500	NH4 / NH4a	630	T	T		
				800	T	T		
				1000	T	T		
				1250	T	T		
				500	T	T		
		NH4a	NH0	400	6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100 / 125 / 160	T	T	
				500	35 / 40 / 50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250	T	T	
690	40 / 50 / 63 / 80 / 100			T	T			
500	16 / 20 / 25 / 35 / 40 / 50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250			T	T			
NH00	NH0	400	80 / 100 / 125 / 160	T	T			
		500	35 / 50 / 63 / 80 / 100 / 125 / 160	T	T			
		690	40 / 50 / 63 / 80 / 100	T	T			
		500	6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100 / 125 / 160	T	T			
NH000	NH0	400	35 / 40 / 50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250	T	T			
		500	16 / 20 / 25 / 35 / 40 / 50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250	T	T			
		690	50 / 63 / 80 / 100 / 125 / 160 / 200	T	T			
		500	50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250 / 300 / 315 / 355 / 400	T	T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WA1					
						Application	LineProtection					
Productline	Application	FrameSize	Characteristic	Un[V]/Fuses	Icu[kA]	FrameSize	III					
						Tripunittype	ETU300			ETU600		
						Icu[kA]	100	100 / 130 / 150	130 / 150		100 / 130 / 150	
						In[A]	5000 / 6300	4000	5000	6300	4000 / 5000 / 6300	
3NA	LineProtection	NH000	gG	400	120	10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100 / 125 / 160	T	T	T	T	T	
				500		2 / 4 / 6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100	T	T	T	T	T	
				690		2 / 4 / 6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50	T	T	T	T	T	
				NH00		400	80 / 100 / 125 / 160	T	T	T	T	T
						500	35 / 50 / 63 / 80 / 100 / 125 / 160	T	T	T	T	T
						690	40 / 50 / 63 / 80 / 100	T	T	T	T	T
		NH0		500		6 / 10 / 16 / 20 / 25 / 32 / 35 / 40 / 50 / 63 / 80 / 100 / 125 / 160	T	T	T	T	T	
				400		35 / 40 / 50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250	T	T	T	T	T	
		NH1		500		16 / 20 / 25 / 35 / 40 / 50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250	T	T	T	T	T	
				690		50 / 63 / 80 / 100 / 125 / 160 / 200	T	T	T	T	T	
				400		50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250 / 300 / 315 / 355 / 400	T	T	T	T	T	
		NH2		500		35 / 50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250 / 300 / 315 / 355 / 400	T	T	T	T	T	
				690		80 / 100 / 125 / 160 / 200 / 224 / 250 / 300 / 315	T	T	T	T	T	
				500		200 / 224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	T	T	T	T	T	
		NH3		690		250 / 315 / 355 / 400 / 425 / 500	T	T	T	T	T	
				800		630 / 800	T	T	T	T	T	
		NH4		NH4a		500	1000	T	92	T	T	T
						1250	T	72	102	T	T	
						500 / 630 / 800	T	T	T	T	T	

Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

### 3WL1 - 3NA

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1									
						Application	LineProtection									
						FrameSize	0			I,II						
						Tripunitytype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660			ETU15B						
						Icu[kA]	42 / 55 / 66			55	55 / 66	66 / 80 / 85 / 100	80 / 85 / 100			
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	630	800 / 1000	1250	630	800	1000	630	800	1000	
3NA	LineProtection	NH000	gG	400	120	10 / 16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T	
						125	T	T	T	4.8	13.4	34.6	4.8	13.4	34.6	
				160		T	T	T	2.7	7	17.4	2.7	7	17.4		
				500 / 690		2 / 4 / 6 / 10 / 16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T	T
						35	T	T	T	T	T	T	65	T	T	
				690		40 / 50	T	T	T	T	T	T	65	T	T	
						400	80	T	T	T	28.7	T	T	28.7	76.5	T
				400			100	T	T	T	11.8	29.9	T	11.8	29.9	71.3
						500	80	T	T	T	28.7	T	T	28.7	76.5	T
				100			T	T	T	11.8	29.9	T	11.8	29.9	71.3	
		NH000 / NH0 / NH2 / NH1 / NH2	gG	400	120	35 / 40 / 50	T	T	T	T	T	T	65	T	T	
						63	T	T	T	T	T	T	55.9	T	T	
				400		35 / 40 / 50	T	T	T	T	T	T	65	T	T	
						63	T	T	T	T	T	T	55.9	T	T	
				690		40	T	T	T	T	T	T	65	T	T	
						125	T	T	T	4.8	13.4	34.6	4.8	13.4	34.6	
				500		160	T	T	T	2.7	7	17.4	2.7	7	17.4	
						690	63	T	T	T	T	T	T	55.9	T	T
				50			T	T	T	T	T	T	65	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1												
						Application	LineProtection												
						FrameSize	I,II												
						Tripunitytype	ETU25B / ETU27B												
						Icu[kA]	55 / 66 / 80 / 85 / 100					130 / 150							
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	250	315	400	500	630	800	1000	250	315	400	500	630	800
3NA	LineProtection	NH000	gG	400	120	10 / 16 / 20 / 25 / 32	T	T	T	T	T	T	T	100	100	100	100	100	100
						125		5.1	14	36.1	T	T	T		5.1	14	36.1	100	100
				160				7.3	18.2	T	T	T			7.3	18.2	100	100	
				2 / 4 / 6 / 10 / 16 / 20 / 25 / 32		T	T	T	T	T	T	T	100	100	100	100	100	100	
				35		T	T	T	T	T	T	T	100	100	100	100	100	100	
				40 / 50		T	T	T	T	T	T	T	100	100	100	100	100	100	
				400		80	11.6	30	T	T	T	T	11.6	30	100	100	100	100	
						100	5	12.2	31.1	T	T	T	5	12.2	31.1	100	100	100	
				500		80	11.6	30	T	T	T	T	11.6	30	100	100	100	100	
						100	5	12.2	31.1	T	T	T	5	12.2	31.1	100	100	100	
		400	35 / 40 / 50	T	T	T	T	T	T	100	100	100	100	100	100				
			63	22.6	T	T	T	T	T	22.6	100	100	100	100	100				
		400	35 / 40 / 50	T	T	T	T	T	T	100	100	100	100	100	100				
			63	22.6	T	T	T	T	T	22.6	100	100	100	100	100				
		690	40	T	T	T	T	T	T	100	100	100	100	100	100				
			125		5.1	14	36.1	T	T	T		5.1	14	36.1	100	100			
		500	160			7.3	18.2	T	T	T			7.3	18.2	100	100			
			63	22.6	T	T	T	T	T	22.6	100	100	100	100	100				
		690	50	T	T	T	T	T	T	100	100	100	100	100	100				



Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1												
						Application	LineProtection												
						FrameSize	I,II												
						Tripunitytype	ETU25B / ETU127B	ETU45B / ETU76B											
						Icu[kA]	130 / 150	55 / 66 / 80 / 85 / 100						130 / 150					
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	1000	250	315	400	500	630	800	1000	250	315	400	500	630
3NA	LineProtection	NH000	gG	400	120	10 / 16 / 20 / 25 / 32	100	T	T	T	T	T	T	T	100	100	100	100	100
						125	100			T	T	T	T	T		100	100	100	100
				160		100				T	T	T	T			100	100	100	
				500 / 690		2 / 4 / 6 / 10 / 16 / 20 / 25 / 32	100	T	T	T	T	T	T	T	100	100	100	100	100
						35	100	T	T	T	T	T	T	T	100	100	100	100	100
				690		40 / 50	100	T	T	T	T	T	T	T	100	100	100	100	100
						400	80	100	T	T	T	T	T	T	100	100	100	100	100
				400			100	100	T	T	T	T	T	T	100	100	100	100	100
						500	NH000 / NH0 / NH1	80	100	T	T	T	T	T	T	100	100	100	100
				100				100	T	T	T	T	T	T	100	100	100	100	100
		400	NH000 / NH0 / NH2	35 / 40 / 50	100	T	T	T	T	T	T	100	100	100	100	100			
				63	100	T	T	T	T	T	T	100	100	100	100	100			
		400	NH000 / NH1 / NH2	35 / 40 / 50	100	T	T	T	T	T	T	100	100	100	100	100			
				63	100	T	T	T	T	T	T	100	100	100	100	100			
		690	NH00 / NH0	40	100	T	T	T	T	T	T	100	100	100	100	100			
				125	100			T	T	T	T	T		100	100	100	100		
		500 / 690	NH00 / NH0	160	100			T	T	T	T	T			100	100	100		
				63	100	T	T	T	T	T	T	100	100	100	100	100			
		690	NH00 / NH1	50	100	T	T	T	T	T	T	100	100	100	100	100			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1																
						Application	LineProtection																
						FrameSize	I,II																
						Tripunitytype	ETU45B / ETU76B		ETU55B														
						Icu[kA]	130 / 150		55		55 / 66 / 80 / 100					66	66 / 80 / 100	80 / 100					
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	800	1000	800	1000	250	315	400	500	630	1000	800	1000					
3NA	LineProtection	NH000	gG	400	120	10 / 16 / 20 / 25 / 32	100	100															
						125	100	100	T	T		T	T	T	T	T	T	T	T				
				160		100	100	T	T				T	T	T	T	T	T	T	T	T		
				500 / 690		2 / 4 / 6 / 10 / 16 / 20 / 25 / 32	100	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
						35	100	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
				690		40 / 50	100	100															
						80	100	100															
				400		100	100	100															
						80	100	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
				500		100	100	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
		35 / 40 / 50	100		100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T			
		400	63	100	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T			
			35 / 40 / 50	100	100																		
		400	63	100	100																		
			40	100	100																		
		690	125	100	100	T	T							T	T	T	T	T	T	T			
			160	100	100	T	T								T	T	T	T	T	T			
		500 / 690	63	100	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T			
			50	100	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T			

Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1									
						Application	LineProtection									
						FrameSize	I,II,III									
						Tripunitytype	ETU15B									ETU25B / ETU27B
						Icu[kA]	55	55 / 66	55 / 66 / 80 / 85	66 / 80 / 85 / 100	80 / 85 / 100	100	130 / 150		55	
Productine	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	2000	1600	1250	2000	1600	1250	1250	1600	2000	
3NA	LineProtection	NH000	gG	400	120	10 / 16 / 20 / 25 / 32	T	T	T	T	T	T	100	100	100	T
						125	T	T	T	T	T	89.5	89.5	100	100	T
				160	T	T	43.2	T	T	43.2	43.2	100	100	T		
				500 / 690	2 / 4 / 6 / 10 / 16 / 20 / 25 / 32	T	T	T	T	T	100	100	100	T		
						35	T	T	T	T	T	100	100	100	T	
				690	40 / 50	T	T	T	T	T	100	100	100	T		
						80	T	T	T	T	T	100	100	100	T	
				400	80	T	T	T	T	T	100	100	100	T		
						100	T	T	T	T	T	100	100	100	T	
				500	80	T	T	T	T	T	100	100	100	T		
		100	T			T	T	T	T	100	100	100	T			
		400	35 / 40 / 50	T	T	T	T	T	100	100	100	T				
				63	T	T	T	T	T	100	100	100	T			
		400	35 / 40 / 50	T	T	T	T	T	100	100	100	T				
				63	T	T	T	T	T	100	100	100	T			
		690	40	T	T	T	T	T	100	100	100	T				
				125	T	T	T	T	T	89.5	89.5	100	100	T		
		500	160	T	T	43.2	T	T	43.2	43.2	100	100	T			
				63	T	T	T	T	T	100	100	100	T			
		690	50	T	T	T	T	T	100	100	100	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1									
						Application	LineProtection									
						FrameSize	I,II,III									
						Tripunitytype	ETU25B / ETU27B			ETU45B / ETU76B		ETU55B				
						Icu[kA]	55 / 66 / 80 / 85 / 100		66 / 80 / 85 / 100	130 / 150		55 / 66 / 80 / 85 / 100 / 130 / 150	55			
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	1250	1600	2000	1250	1600	2000	1250	1600 / 2000	1250	1600
3NA	LineProtection	NH000	gG	400	120	10 / 16 / 20 / 25 / 32	T	T	T	100	100	100	T	T		
						125	T	T	T	100	100	100	T	T	T	T
				160	T	T	T	100	100	100	T	T	T	T		
				500 / 690	2 / 4 / 6 / 10 / 16 / 20 / 25 / 32	T	T	T	100	100	100	T	T	T	T	
						35	T	T	T	100	100	100	T	T	T	T
				690	40 / 50	T	T	T	100	100	100	T	T			
						80	T	T	T	100	100	100	T	T		
				400	80	T	T	T	100	100	100	T	T			
						100	T	T	T	100	100	100	T	T		
				500	80	T	T	T	100	100	100	T	T	T	T	
		100	T			T	T	100	100	100	T	T	T	T		
		400	35 / 40 / 50	T	T	T	100	100	100	T	T	T	T			
				63	T	T	T	100	100	100	T	T	T	T		
		400	35 / 40 / 50	T	T	T	100	100	100	T	T					
				63	T	T	T	100	100	100	T	T				
		690	40	T	T	T	100	100	100	T	T					
				125	T	T	T	100	100	100	T	T	T	T		
		500	160	T	T	T	100	100	100	T	T	T	T			
				63	T	T	T	100	100	100	T	T	T	T		
		690	50	T	T	T	100	100	100	T	T	T	T			

Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1																	
						Application	LineProtection																	
						FrameSize	I,II,III					II,III												
						Tripunitytype	ETU55B					ETU15B												
						Icu[kA]	66		80	80 / 100 / 130 / 150		100	130 / 150		66		80 / 100		130 / 150					
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	1250	1600 / 2000		1250	1600 / 2000	1600	2000	2500	3200 / 4000	2500	3200 / 4000	2500	3200					
3NA	LineProtection	NH000	gG	400	120	10 / 16 / 20 / 25 / 32								T	T	T	T	100	100					
						125	T	T	T	T	T	T	T	T	T	T	T	T	100	100				
				160		T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100			
				500 / 690		2 / 4 / 6 / 10 / 16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100		
						35	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100		
				690		40 / 50												T	T	T	T	100	100	
						80													T	T	T	T	100	100
				400		100													T	T	T	T	100	100
						80	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100
				500		100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100
		35 / 40 / 50	T		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100			
		400	63	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100			
			35 / 40 / 50													T	T	T	T	100	100			
		400	63																	100	100			
			40													T	T	T	T	100	100			
		690	NH00 / NH0													T	T	T	T	100	100			
			NH00 / NH0	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100			
		500	NH00 / NH0	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100			
			NH00 / NH0	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100			
		690	NH00 / NH1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100			
NH00 / NH1	T		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1						
						Application	LineProtection						
						FrameSize	II,III						
						Tripunitytype	ETU25B / ETU27B		ETU45B / ETU76B		ETU55B		
						Icu[kA]	66 / 80 / 100	130 / 150	66 / 80 / 100 / 130 / 150	66	80	100	130 / 150
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	2500 / 3200 / 4000						
3NA	LineProtection	NH000	gG	400	120	10 / 16 / 20 / 25 / 32	T	100	T				
						125	T	100	T	T	T	T	T
				160	T	100	T	T	T	T	T		
				500 / 690	2 / 4 / 6 / 10 / 16 / 20 / 25 / 32	T	100	T	T	T	T		
						35	T	100	T	T	T	T	
				690	40 / 50	T	100	T					
						80	T	100	T				
				400	80	T	100	T					
						100	T	100	T				
				500	80	T	100	T	T	T	T	T	
		100	T			100	T	T	T	T			
		400	35 / 40 / 50	T	100	T	T	T	T				
				63	T	100	T	T	T	T			
		400	35 / 40 / 50	T	100	T							
				63	T	100	T						
		690	40	T	100	T							
				125	T	100	T	T	T	T			
		500	125	T	100	T	T	T	T				
				160	T	100	T	T	T	T			
		690	63	T	100	T	T	T	T				
50	T			100	T	T	T	T					

Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1				
						Application	LineProtection				
						FrameSize	III				
						Tripunitytype	ETU25B / ETU27B		ETU45B / ETU76B	ETU55B	
						Icu[kA]	100	130 / 150	100 / 130 / 150	100	130 / 150
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	5000 / 6300				
3NA	LineProtection	NH000	gG	400	120	10 / 16 / 20 / 25 / 32	T	100	T		
						125	T	100	T	T	T
				160	T	100	T	T	T		
				500 / 690	2 / 4 / 6 / 10 / 16 / 20 / 25 / 32	T	100	T	T	T	
						35	T	100	T	T	T
				690	40 / 50	T	100	T			
						80	T	100	T		
				400	80	T	100	T			
						100	T	100	T		
				500	80	T	100	T	T	T	
		100	T			100	T	T	T		
		400	35 / 40 / 50	T	100	T	T	T			
				63	T	100	T	T	T		
		400	35 / 40 / 50	T	100	T					
				63	T	100	T				
		690	40	T	100	T					
				125	T	100	T	T	T		
		500	160	T	100	T	T	T			
				63	T	100	T	T	T		
		690	50	T	100	T	T	T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1									
						Application	LineProtection									
						FrameSize	0			I,II						
						Tripunitytype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660			ETU15B						
						Icu[kA]	42 / 55 / 66			55	55 / 66		66 / 80 / 85 / 100	80 / 85 / 100		
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	630	800 / 1000	1250	630	800	1000	630	800	1000	
3NA	LineProtection	NH00 / NH1 / NH2	gG	400	120	125	T	T	T	4.8	13.4	34.6	4.8	13.4	34.6	
						160	T	T	T	2.7	7	17.4	2.7	7	17.4	
				500 / 690		80	T	T	T	28.7	T	T	28.7	76.5	T	
						100	T	T	T	11.8	29.9	T	11.8	29.9	71.3	
				500		NH00 / NH2	35 / 50	T	T	T	T	T	T	65	T	T
							6 / 10 / 16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T
							16 / 20 / 25	T	T	T	T	T	T	T	T	T
							250	T	T	T	0.6	1.5	3.8	0.6	1.5	3.8
							200	T	T	T	1.4	3.9	10.1	1.4	3.9	10.1
							224	T	T	T	0.7	1.9	5.1	0.7	1.9	5.1
				400		NH1 / NH2	250	T	T	T	0.6	1.5	3.8	0.6	1.5	3.8
							125	T	T	T	4.8	13.4	34.6	4.8	13.4	34.6
		160	T		T		T	2.7	7	17.4	2.7	7	17.4			
		200	T		T		T	1.4	3.9	10.1	1.4	3.9	10.1			
		224	T		T		T	0.7	1.9	5.1	0.7	1.9	5.1			
		50	T		T		T	T	T	T	65	T	T			
		500	NH1 / NH3	224	T	T	T	0.7	1.9	5.1	0.7	1.9	5.1			
				300 / 315	T	T	T	0.2	0.6	1.6	0.2	0.6	1.6			
				355	T	T	T	0.2	0.6	1.4	0.2	0.6	1.4			
				400	T	T	T	0.2	0.6	1.4	0.2	0.6	1.4			
				400	T	T	T	0.2	0.6	1.4	0.2	0.6	1.4			
				224	T	T	T	0.7	1.9	5.1	0.7	1.9	5.1			
		500 / 690	NH2	300 / 315	T	T	T	0.2	0.6	1.6	0.2	0.6	1.6			
				250	T	T	T	0.6	1.5	3.8	0.6	1.5	3.8			
				200	T	T	T	1.4	3.9	10.1	1.4	3.9	10.1			
				300 / 315	T	T	T	0.2	0.6	1.6	0.2	0.6	1.6			
				355	T	T	T	0.2	0.6	1.4	0.2	0.6	1.4			
				200	T	T	T	1.4	3.9	10.1	1.4	3.9	10.1			
500	NH3	300 / 315	T	T	T	0.2	0.6	1.6	0.2	0.6	1.6					
		355	T	T	T	0.2	0.6	1.4	0.2	0.6	1.4					



Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1															
						Application	LineProtection															
						FrameSize	I,II															
						Tripunitytype	ETU25B / ETU27B															
						Icu[kA]	55 / 66 / 80 / 85 / 100							130 / 150								
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	250	315	400	500	630	800	1000	250	315	400	500	630	800			
3NA	LineProtection	NH00 / NH1 / NH2	gG	400	120	125		5.1	14	36.1	T	T	T		5.1	14	36.1	100	100			
						160			7.3	18.2	T	T	T			7.3	18.2	100	100			
						80	11.6	30	T	T	T	T	11.6	30	100	100	100	100				
				500 / 690		100	5	12.2	31.1	T	T	T	5	12.2	31.1	100	100	100				
				500		NH00 / NH2	35 / 50	T	T	T	T	T	100	100	100	100	100	100				
						NH0	6 / 10 / 16 / 20 / 25 / 32	T	T	T	T	T	100	100	100	100	100	100				
		NH1	16 / 20 / 25		T	T	T	T	T	100	100	100	100	100	100							
		NH2	NH1 / NH2	gG	400	120	250					24.5	T	T					24.5	100		
							200			4.1	10.6	T	T	T		4.1	10.6	100	100			
							224			5.3	37.5	T	T			5.3	37.5	100				
			500 / 690	250					24.5	T	T					24.5	100					
				125			5.1	14	36.1	T	T	T		5.1	14	36.1	100	100				
				160				7.3	18.2	T	T	T			7.3	18.2	100	100				
			NH2	gG	500		400	120	200			4.1	10.6	T	T	T			4.1	10.6	100	100
									224				5.3	37.5	T	T				5.3	37.5	100
	50								T	T	T	T	T	T	100	100	100	100	100	100		
	300 / 315										10.3	27.5	T					10.3	27.5			
	355										7.9	20	47.7					7.9	20			
	400										4.5	11.7	28.6					4.5	11.7			
	NH2	gG	500	400	120	355					7.9	20	47.7					7.9	20			
						400					4.5	11.7	28.6					4.5	11.7			
						224				5.3	37.5	T	T				5.3	37.5	100			
						300 / 315					10.3	27.5	T					10.3	27.5			
						250					24.5	T	T					24.5	100			
						200			4.1	10.6	T	T	T			4.1	10.6	100	100			
	NH3	gG	500	400	120	300 / 315					10.3	27.5	T					10.3	27.5			
						250					24.5	T	T					24.5	100			
						355					7.9	20	47.7					7.9	20			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1													
						Application	LineProtection													
						FrameSize	I,II													
						Tripunitytype	ETU25B / ETU27B	ETU45B / ETU76B												
						Icu[kA]	130 / 150	55 / 66 / 80 / 85 / 100					130 / 150							
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	1000	250	315	400	500	630	800	1000	250	315	400	500	630	
3NA	LineProtection	NH00 / NH1 / NH2	gG	400	120	125	100		T	T	T	T	T	T		100	100	100	100	
						160	100			T	T	T	T	T			100	100	100	
				500 / 690		80	100	T	T	T	T	T	T	T	100	100	100	100	100	100
						100	100	T	T	T	T	T	T	T	100	100	100	100	100	100
				500		35 / 50	100	T	T	T	T	T	T	T	100	100	100	100	100	100
						6 / 10 / 16 / 20 / 25 / 32	100	T	T	T	T	T	T	T	100	100	100	100	100	100
		NH0 / NH1	500	16 / 20 / 25		100	T	T	T	T	T	T	100	100	100	100	100	100		
				250		100					T	T	T					100		
				200		100			T	T	T	T	T			100	100	100		
				224		100				T	T	T	T			100	100			
				250		100						T	T	T			100			
				125		100		T	T	T	T	T	T		100	100	100	100		
	NH1 / NH2	400	160	100			T	T	T	T	T			100	100	100				
			200	100			T	T	T	T	T			100	100					
			224	100						T	T	T			100					
			250	100						T	T	T			100					
			125	100			T	T	T	T	T		100	100	100	100				
			160	100			T	T	T	T	T			100	100	100				
	NH1 / NH3	500	200	100			T	T	T	T	T				100	100				
			224	100					T	T	T	T			100					
			50	100	T	T	T	T	T	T	T	100	100	100	100	100				
			300 / 315	100						T	T	T				100				
			355	47.7						T	T	T				100				
			400	28.6						T	T	T				100				
NH2	500	355	47.7						T	T	T				100					
		400	28.6						T	T	T				100					
		224	100				T	T	T	T				100	100					
		300 / 315	100						T	T	T				100					
		250	100						T	T	T				100					
		200	100			T	T	T	T	T			100	100	100					
NH3	500	300 / 315	100						T	T	T					100				
		355	47.7						T	T	T				100					

Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1															
						Application		LineProtection															
						FrameSize		I,II															
						Tripanitytype		ETU45B / ETU76B		ETU55B													
						Icu[kA]		130 / 150		55		55 / 66 / 80 / 100				66	66 / 80 / 100	80 / 100					
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	800	1000	800	1000	250	315	400	500	630	1000	800	1000					
3NA	LineProtection	NH00 / NH1 / NH2	gG	400	120	125	100	100															
						160	100	100															
						80	100	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
						100	100	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
						35 / 50	100	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
		NH0 NH1	500	6 / 10 / 16 / 20 / 25 / 32	100	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T			
				16 / 20 / 25	100	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T			
				250	100	100	T	T									T	T	T	T			
				200	100	100																	
				224	100	100																	
		NH1 / NH2	400	250	100	100																	
				125	100	100	T	T			T	T	T	T	T	T	T	T	T	T			
				160	100	100	T	T					T	T	T	T	T	T	T	T			
				200	100	100	T	T					T	T	T	T	T	T	T	T			
				224	100	100	T	T									T	T	T	T	T		
	NH2	500	50	100	100																		
			300 / 315	100	100																		
			355	100	100																		
			400	100	100												T	T	T	T			
			355	100	100	T	T										T	T	T	T			
	NH2 / NH3	400	400	100	100																		
			224	100	100	T	T								T	T	T	T	T				
			300 / 315	100	100	T	T									T	T	T	T				
			250	100	100	T	T										T	T	T	T			
			200	100	100	T	T										T	T	T	T			
	NH3	500	300 / 315	100	100												T	T	T				
			355	100	100																		
			200	100	100	T	T										T	T	T	T			
			300 / 315	100	100	T	T											T	T	T			
			355	100	100																		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline		3WL1											
				Application		LineProtection											
				FrameSize		I,II,III											
				Tripanitytype		ETU15B							ETU25B / ETU27B				
				Icu[kA]		55	55 / 66	55 / 66 / 80 / 85	66 / 80 / 85 / 100	80 / 85 / 100	100	130 / 150		55			
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	2000	1600	1250	2000	1600	1250	1250	1600	2000		
3NA	LineProtection	NH00 / NH1 / NH2	gG	400	120	125	T	T	T	T	T	89.5	89.5	100	100	T	
						160	T	T	43.2	T	T	43.2	43.2	100	100	T	
				500 / 690		80	T	T	T	T	T	T	100	100	100	100	T
						100	T	T	T	T	T	T	100	100	100	100	T
				500		NH00 / NH2	35 / 50	T	T	T	T	T	100	100	100	100	T
						NH0	6 / 10 / 16 / 20 / 25 / 32	T	T	T	T	T	100	100	100	100	T
		NH1	16 / 20 / 25				T	T	T	T	T	100	100	100	100	T	
		NH1 / NH2	250			T	26.1	9.5	65.2	26.1	9.5	9.5	26.1	65.2	T		
		NH1 / NH2	400	200		T	T	26.2	T	75.1	26.2	26.2	75.1	100	T		
				224		T	40.2	13.6	T	40.2	13.6	13.6	40.2	100	T		
			500 / 690	250		T	26.1	9.5	65.2	26.1	9.5	9.5	26.1	65.2	T		
				125		T	T	T	T	T	89.5	89.5	100	100	T		
	160			T	T	43.2	T	T	43.2	43.2	100	100	T				
	200			T	T	26.2	T	75.1	26.2	26.2	75.1	100	T				
	NH2	400	gG	224	T	40.2	13.6	T	40.2	13.6	13.6	40.2	100	T			
				50	T	T	T	T	T	100	100	100	T				
		500		300 / 315	27.5	10.9	3.9	27.5	10.9	3.9	3.9	10.9	27.5	T			
				355	20	8.4	3.2	20	8.4	3.2	3.2	8.4	20	T			
				400	11.7	4.8	1.8	11.7	4.8	1.8	1.8	4.8	11.7	T			
				355	20	8.4	3.2	20	8.4	3.2	3.2	8.4	20	T			
	NH2 / NH3	500	400	11.7	4.8	1.8	11.7	4.8	1.8	1.8	4.8	11.7	T				
			224	T	40.2	13.6	T	40.2	13.6	13.6	40.2	100	T				
		500 / 690	300 / 315	27.5	10.9	3.9	27.5	10.9	3.9	3.9	10.9	27.5	T				
			250	T	26.1	9.5	65.2	26.1	9.5	9.5	26.1	65.2	T				
500			200	T	T	26.2	T	75.1	26.2	26.2	75.1	100	T				
			300 / 315	27.5	10.9	3.9	27.5	10.9	3.9	3.9	10.9	27.5	T				
NH3	500	355	20	8.4	3.2	20	8.4	3.2	3.2	8.4	20	T					
		355	20	8.4	3.2	20	8.4	3.2	3.2	8.4	20	T					

Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1											
						Application	LineProtection											
						FrameSize	I,II,III											
						Tripunitytype	ETU25B / ETU27B			ETU45B / ETU76B		ETU55B						
						Icu[kA]	55 / 66 / 80 / 85 / 100		66 / 80 / 85 / 100	130 / 150		55 / 66 / 80 / 85 / 100 / 130 / 150		55				
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	1250	1600	2000	1250	1600	2000	1250	1600 / 2000	1250	1600		
3NA	LineProtection	NH00 / NH1 / NH2	gG	500	120	125	T	T	T	100	100	100	T	T				
						160	T	T	T	100	100	100	T	T				
						80	T	T	T	100	100	100	T	T	T	T		
						100	T	T	T	100	100	100	T	T	T	T		
						35 / 50	T	T	T	100	100	100	T	T	T	T		
						6 / 10 / 16 / 20 / 25 / 32	T	T	T	100	100	100	T	T	T	T		
		NH1	gG	500	120	16 / 20 / 25	T	T	T	100	100	100	T	T	T	T		
						250	T	T	T	100	100	100	T	T	T	T		
						200	T	T	T	100	100	100	T	T				
						224	T	T	T	100	100	100	T	T				
						250	T	T	T	100	100	100	T	T				
						125	T	T	T	100	100	100	T	T	T	T		
	NH1 / NH2	gG	400	120	160	T	T	T	100	100	100	T	T	T	T			
					200	T	T	T	100	100	100	T	T	T	T			
					224	T	T	T	100	100	100	T	T	T	T			
					250	T	T	T	100	100	100	T	T	T	T			
					125	T	T	T	100	100	100	T	T	T	T			
					160	T	T	T	100	100	100	T	T	T	T			
	NH1 / NH3	gG	500	120	200	T	T	T	100	100	100	T	T	T	T			
					224	T	T	T	100	100	100	T	T	T	T			
					50	T	T	T	100	100	100	T	T					
					300 / 315	T	T	T	100	100	100	T	T					
					355	T	T	T	100	100	100	T	T					
					400	T	T	T	100	100	100	T	T					
NH2	gG	500	120	355	T	T	T	100	100	100	T	T	T	T				
				400	T	T	T	100	100	100	T	T	T	T				
				224	T	T	T	100	100	100	T	T	T	T				
				300 / 315	T	T	T	100	100	100	T	T	T	T				
				250	T	T	T	100	100	100	T	T	T	T				
				200	T	T	T	100	100	100	T	T	T	T				
NH2 / NH3	gG	500	120	300 / 315	T	T	T	100	100	100	T	T	T	T				
				250	T	T	T	100	100	100	T	T	T	T				
				200	T	T	T	100	100	100	T	T	T	T				
				300 / 315	T	T	T	100	100	100	T	T	T	T				
				355	T	T	T	100	100	100	T	T						
				200	T	T	T	100	100	100	T	T						
NH3	gG	500	120	300 / 315	T	T	T	100	100	100	T	T	T	T				
				355	T	T	T	100	100	100	T	T						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1															
						Application		LineProtection															
						FrameSize		I,II,III				II,III											
						Tripunitytype		ETU55B				ETU15B											
						Icu[kA]		66		80		80 / 100 / 130 / 150		100		130 / 150		66		80 / 100		130 / 150	
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	1250	1600 / 2000		1250	1600 / 2000		1600	2000	2500	3200 / 4000		2500	3200 / 4000		2500	3200	
3NA	LineProtection	NH00 / NH1 / NH2	gG	400	120	125									T	T	T	T	100	100			
						160									T	T	T	T	100	100			
				500 / 690		80	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100
						100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100
				500		NH00 / NH2	35 / 50	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100
						NH0	6 / 10 / 16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100
		16 / 20 / 25	T				T	T	T	T	T	T	T	T	T	T	T	T	T	100	100		
		250	T				T	T	T	T	T	T	T	T	T	T	T	T	100	100			
		NH1 / NH2	400	200													T	T	T	T	100	100	
				224														T	T	T	T	100	100
			500 / 690	250														T	T	T	T	100	100
				125		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100	
	160			T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100			
	200			T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100			
	NH2	400	gG	224	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100			
				50												T	T	T	T	100	100		
		500		300 / 315													T	T	69.1	T	69.1	100	
				355													47.7	T	47.7	T	47.7	100	
				400													28.6	T	28.6	77.2	28.6	77.2	
				355	T	T	T	T	T	T	T	T	T	T	T	T	47.7	T	47.7	T	47.7	100	
	500 / 690	400	T	T	T	T	T	T	T	T	T	T	T	T	28.6	T	28.6	77.2	28.6	77.2			
		224	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100				
		300 / 315	T	T	T	T	T	T	T	T	T	T	T	T	T	T	69.1	T	69.1	100			
		250	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100				
NH3	500	200	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	100	100				
		300 / 315	T	T	T	T	T	T	T	T	T	T	T	T	T	T	69.1	T	69.1	100			
		355													47.7	T	47.7	T	47.7	100			

Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1						
						Application	LineProtection						
						FrameSize	II,III						
						Tripunitytype	ETU25B / ETU27B		ETU45B / ETU76B		ETU55B		
						Icu[kA]	66 / 80 / 100	130 / 150	66 / 80 / 100 / 130 / 150	66	80	100	130 / 150
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	2500 / 3200 / 4000						
3NA	LineProtection	NH2 / NH3	9G	500	120	125	T	100	T				
						160	T	100	T				
						80	T	100	T	T	T	T	T
						100	T	100	T	T	T	T	T
						35 / 50	T	100	T	T	T	T	T
						6 / 10 / 16 / 20 / 25 / 32	T	100	T	T	T	T	T
				400	16 / 20 / 25	T	100	T	T	T	T	T	
					250	T	100	T	T	T	T		
					200	T	100	T					
					224	T	100	T					
					250	T	100	T					
					125	T	100	T	T	T	T	T	
		500	160	T	100	T	T	T	T	T			
			200	T	100	T	T	T	T	T			
			224	T	100	T	T	T	T	T			
			50	T	100	T							
			300 / 315	T	100	T							
			355	T	100	T							
		500 / 690	400	T	100	T							
			355	T	100	T	T	T	T	T			
			400	T	100	T	T	T	T	T			
			224	T	100	T	T	T	T	T			
			300 / 315	T	100	T	T	T	T	T			
			250	T	100	T	T	T	T	T			
		500	NH3	200	T	100	T	T	T	T	T		
				300 / 315	T	100	T	T	T	T	T		
				355	T	100	T						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1				
						Application	LineProtection				
						FrameSize	III				
						Tripunitytype	ETU25B / ETU27B		ETU45B / ETU76B	ETU55B	
						Icu[kA]	100	130 / 150	100 / 130 / 150	100	130 / 150
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	5000 / 6300				
3NA	LineProtection	NH00 / NH1 / NH2	gG	500	120	125	T	100	T		
						160	T	100	T		
						80	T	100	T	T	T
						100	T	100	T	T	T
						35 / 50	T	100	T	T	T
		6 / 10 / 16 / 20 / 25 / 32	T	100	T	T	T				
		16 / 20 / 25	T	100	T	T	T				
		250	T	100	T	T	T				
		200	T	100	T						
		224	T	100	T						
		250	T	100	T						
		125	T	100	T	T	T				
		160	T	100	T	T	T				
		200	T	100	T	T	T				
		224	T	100	T	T	T				
	50	T	100	T							
	300 / 315	T	100	T							
	355	T	100	T							
	400	T	100	T							
	355	T	100	T	T	T					
	400	T	100	T	T	T					
	224	T	100	T	T	T					
	300 / 315	T	100	T	T	T					
	250	T	100	T	T	T					
	200	T	100	T	T	T					
	300 / 315	T	100	T	T	T					
	355	T	100	T							



Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1										
						Application	LineProtection										
						FrameSize	0			I,II							
						Tripunitytype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660			ETU15B							
						Icu[kA]	42 / 55 / 66			55	55 / 66		66 / 80 / 85 / 100	80 / 85 / 100			
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	630	800 / 1000	1250	630	800	1000	630	800	1000		
3NA	LineProtection	NH3 / NH4 / NH4a	gG	500 / 690	120	400		T	T			0.3	0.7		0.3	0.7	
						425		T	T			0.7				0.7	
						500		T	T			0.5				0.5	
				690		315	T	T	T	0.2	0.6	1.6	0.2	0.6	1.6		
						355	T	T	T	0.2	0.6	1.4	0.2	0.6	1.4		
						630			T								
		500	800														
			1000														
			1250														
		NH4a				500			T	T			0.5				0.5

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1																
						Application	LineProtection																
						FrameSize	I,II																
						Tripunitytype	ETU25B / ETU27B																
						Icu[kA]	55 / 66 / 80 / 85 / 100						130 / 150										
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	250	315	400	500	630	800	1000	250	315	400	500	630	800				
3NA	LineProtection	NH3 / NH4 / NH4a	gG	500 / 690	120	400					4.5	11.7	28.6					4.5	11.7				
						425					2.2	5.1	10.9						2.2	5.1			
						500					1	2.3	5						1	2.3			
				690		315					10.3	27.5	T									10.3	27.5
						355					7.9	20	47.7									7.9	20
						630									1	2.3							1
		500	800											1.1									
			1000																				
			1250																				
		NH4a					500					1	2.3	5						1	2.3		

Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1																	
						Application	LineProtection																	
						FrameSize	I,II																	
						Tripunitytype	ETU25B / ETU27B	ETU45B / ETU76B																
						Icu[kA]	130 / 150	55 / 66 / 80 / 85 / 100							130 / 150									
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	1000	250	315	400	500	630	800	1000	250	315	400	500	630					
3NA	LineProtection	NH3	gG	500 / 690	120	400	28.6						T	T	T					100				
						425	10.9					T	T	T									100	
						500	5							T	T	T								100
						315	100							T	T	T								100
						355	47.7							T	T	T								100
		NH4 / NH4a		630		2.3											T	T						
				800		1.1												T						
				1000																				
				1250																				
				NH4a		500	5										T	T	T					100

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1											
						Application		LineProtection											
						FrameSize		I,II											
						Tripunitytype		ETU45B / ETU76B		ETU55B									
						Icu[kA]		130 / 150		55		55 / 66 / 80 / 100				66	66 / 80 / 100	80 / 100	
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	800	1000	800	1000	250	315	400	500	630	1000	800	1000	
3WA	LineProtection	NH3 / NH4 / NH4a	gG	500 / 690	120	400	100	100	T	T					T	T	T	T	
						425	100	100	T	T					T	T	T	T	
						500	100	100	T	T					T	T	T	T	
				690		315	100	100	T	T					T	T	T	T	
						355	100	100	T	T					T	T	T	T	
						630	100	100	T	T					T	T	T	T	
		500	800		100	40.9	40.9									T	T	T	T
			1000				20.5									40.5			T
			1250																
		NH4a					500	100	100	T	T					T	T	T	T

Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1									
						Application		LineProtection									
						FrameSize		I,II,III									
						Tripunitytype		ETU15B						ETU25B / ETU27B			
						Icu[kA]		55	55 / 66	55 / 66 / 80 / 85	66 / 80 / 85 / 100	80 / 85 / 100	100	130 / 150		55	
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	2000	1600	1250	2000	1600	1250	1250	1600	2000		
3NA	LineProtection	NH3 / NH4 / NH4a	gG	500 / 690	120	400	11.7	4.8	1.8	11.7	4.8	1.8	1.8	4.8	11.7	T	
						425	6.9	3.3	1.4	6.9	3.3	1.4	1.4	3.3	6.9	T	
						500	5.1	2.3	1	5.1	2.3	1	1	2.3	5.1	T	
				690		315	27.5	10.9	3.9	27.5	10.9	3.9	3.9	10.9	27.5	T	
						355	20	8.4	3.2	20	8.4	3.2	3.2	8.4	20	T	
						630	2.3	1		2.3	1			1	2.3	28	
		NH4 / NH4a	gG	500		800	1			1				1	13.9		
						1000									5.2		
						1250											
						NH4a	500	5.1	2.3	1	5.1	2.3	1	1	2.3	5.1	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1										
						Application		LineProtection										
						FrameSize		I,II,III										
						Tripanitytype		ETU25B / ETU27B			ETU45B / ETU76B		ETU55B					
						Icu[kA]		55 / 66 / 80 / 85 / 100		66 / 80 / 85 / 100	130 / 150		55 / 66 / 80 / 85 / 100 / 130 / 150		55			
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	1250	1600	2000	1250	1600	2000	1250	1600 / 2000	1250	1600		
3NA	LineProtection	NH3 / NH4 / NH4a	gG	500 / 690	120	400	T	T	T	100	100	100	T	T	T	T		
						425	23.6	T	T	23.6	100	100	T	T	T	T		
						500	11	26.2	57.5	11	26.2	57.5	T	T	T	T		
				690		315	T	T	T	100	100	100	T	T	T	T		
						355	T	T	T	100	100	100	T	T	T	T		
						630	5.2	12.6	28	5.2	12.6	28	T	T	T	T		
		500	800	2.4		6	13.9	2.4	6	13.9	T	T	40.9	40.9				
			1000			2.2	5.2		2.2	5.2	T	T	20.5	20.5				
			1250								T			7.9				
		NH4a						500	11	26.2	57.5	11	26.2	57.5	T	T	T	T

Air circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3WL1											
						Application		LineProtection											
						FrameSize		I,II,III				II,III							
						Tripunitytype		ETU55B				ETU15B							
						Icu[kA]		66		80		80 / 100 / 130 / 150		100		130 / 150		66	
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	1250	1600 / 2000		1250	1600 / 2000	1600	2000	2500	3200 / 4000	2500	3200 / 4000	2500	3200
3NA	LineProtection	NH3 / NH4 / NH4a	gG	500 / 690	120	400	T	T	T	T	T	T	T	28.6	T	28.6	77.2	28.6	77.2
						425	T	T	T	T	T	T	T	14.8	34	14.8	34	14.8	34
						500	T	T	T	T	T	T	T	10.9	25.7	10.9	25.7	10.9	25.7
						690	315	T	T	T	T	T	T	T	T	69.1	T	69.1	100
						355	T	T	T	T	T	T	T	47.7	T	47.7	T	47.7	100
						630	T	T	T	T	T	T	T	5	11.9	5	11.9	5	11.9
		NH4 / NH4a		800		T	T	T	T	T	T	T	2.3	5.6	2.3	5.6	2.3	5.6	
				1000		40.5	40.5	T	T	T	T	T	1.1	2.6	1.1	2.6	1.1	2.6	
				1250			16.1	34.1		T	2.2	5.2							
				NH4a		500	T	T	T	T	T	T	T	10.9	25.7	10.9	25.7	10.9	25.7

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1							
						Application	LineProtection							
						FrameSize	II,III							
						Tripunitytype	ETU25B / ETU27B		ETU45B / ETU76B		ETU55B			
						Icu[kA]	66 / 80 / 100	130 / 150	66 / 80 / 100 / 130 / 150	66	80	100	130 / 150	
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	2500 / 3200 / 4000							
3NA	LineProtection	NH3	gG	500 / 690	120	400	T	100	T	T	T	T	T	T
						425	T	100	T	T	T	T	T	T
						500	T	100	T	T	T	T	T	T
						315	T	100	T	T	T	T	T	T
						355	T	100	T	T	T	T	T	T
		NH4 / NH4a		500		630	62.4	62.4	T	T	T	T	T	T
						800	31.8	31.8	T	T	T	T	T	
						1000	12.5	12.5	T	40.5	T	T	T	
						1250			T	16.1	34.1	T	12.5	
						500	T	100	T	T	T	T	T	



Air circuit breaker as upstream device  
in combination with NEOZED-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3WL1				
						Application	LineProtection				
						FrameSize	III				
						Tripunitytype	ETU25B / ETU27B		ETU45B / ETU76B	ETU55B	
						Icu[kA]	100	130 / 150	100 / 130 / 150	100	130 / 150
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	5000 / 6300				
3NA	LineProtection	NH3 / NH4 / NH4a	gG	500 / 690	120	400	T	100	T	T	T
						425	T	100	T	T	T
						500	T	100	T	T	T
				690		315	T	100	T	T	T
						355	T	100	T	T	T
		NH4 / NH4a	gG	500		630	62.4	62.4	T	T	T
						800	31.8	31.8	T	T	T
						1000	12.5	12.5	T	T	T
						1250			T	T	12.5
						NH4a			500	T	100

## in combination with NEOZED-fuse system as downstream devices

## 3WA1 - 5SE

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WA1					
					Application	LineProtection					
					FrameSize	I	II			III	
					Tripunittype	ETU300 / ETU600	ETU300		ETU600		ETU300 / ETU600
					Un[V]Fuses	690			n.a.	690	
					Icu[kA]	55 / 66 / 85 / 100	66 / 85 / 100	130	66 / 85 / 100	66 / 85 / 100 / 130	100 / 130 / 150
Productline	Application	FrameSize	Characteristic	Icu[kA]	In[A]	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500	2000 / 2500 / 3200 / 4000	2000 / 2500 / 3200	4000	2000 / 2500 / 3200	4000 / 5000 / 6300
5SE2(Neozed)	LineProtection	D01	gG	50	2 / 4 / 6 / 10 / 13 / 16	T	T	T	T	T	T
		D02			20 / 25 / 32 / 35 / 40 / 50 / 63	T	T	T	T	T	T

**3WL1 - 5SE**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1								
					Application	LineProtection								
					FrameSize	0			I,II					
					Tripunitytype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660			ETU15B			ETU25B / ETU27B		
					Icu[kA]	42 / 55 / 66			55	55 / 66 / 80 / 85 / 100		66 / 80 / 85 / 100		55 / 66 / 80 / 85 / 100
Productline	Application	FrameSize	Characteristic	Icu[kA]	In[A]	630 / 800 / 1000 / 1250	630	800	1000	630	250	315	400	500 / 630 / 800 / 1000
5SE2(Neozed)	LineProtection	D01	gG	50	2 / 4 / 6 / 10 / 13	T	T	T	T	T	T	T	T	T
					16	T	T	T	T	T	T	T	T	T
		D02			20 / 25 / 32 / 35 / 40	T	T	T	T	T	T	T	T	T
					50	T	T	T	33.4	T	T	T	T	
		D03			63	T	33.4	T	T	33.4	22.6	T	T	T
					80		13.8	42.4	T	13.8	13.3	39.4	T	T
					100		4.1	11.9	32.1	4.1	4	11.1	32.1	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1						
					Application	LineProtection						
					FrameSize	I,II			I,II,III			
					Tripunitytype	ETU45B / ETU76B	ETU55B	ETU15B / ETU25B / ETU27B / ETU45B / ETU55B / ETU76B	ETU15B / ETU25B / ETU27B / ETU45B / ETU76B	ETU55B		
					Icu[kA]	55 / 66 / 80 / 85 / 100	55 / 66 / 80 / 100	130 / 150		55 / 66 / 80 / 85 / 100	55	66 / 80 / 100
Productline	Application	FrameSize	Characteristic	Icu[kA]	In[A]	250 / 315 / 400 / 500 / 630 / 800 / 1000			1250 / 1600 / 2000		1250 / 1600	1250 / 1600 / 2000
5SE2(Neozed)	LineProtection	D01	gG	50	2 / 4 / 6 / 10 / 13	T	T		T	T	T	
					16	T	T	T	T	T	T	
					20 / 25 / 32 / 35 / 40	T	T	T	T	T	T	
		D02			50	T	T	T	T	T	T	
					63	T	T	T	T	T	T	
					80	T	T		T	T	T	
					100	T	T		T	T	T	
D03												

Molded case circuit breaker as upstream device  
in combination with NEOZED-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3WL1							
					Application	LineProtection							
					FrameSize	II,III					III		
					Tripunitytype	ETU15B			ETU25B / ETU27B / ETU45B / ETU55B / ETU76B				
					Icu[kA]	66 / 80 / 100		130 / 150		66 / 80 / 100	130 / 150		100
Productline	Application	FrameSize	Characteristic	Icu[kA]	In[A]	2500 / 3200	4000	2500 / 3200	2500 / 3200 / 4000		5000 / 6300		
5SE2(Neozed)	LineProtection	D01	gG	50	2 / 4 / 6 / 10 / 13	T	T		T		T		
					16	T	T	T	T	T	T	T	
					20 / 25 / 32 / 35 / 40	T	T	T	T	T	T	T	
		D02			50	T	T	T	T	T	T	T	T
					63	T	T	T	T	T	T	T	T
					80	T			T		T		
					100	T			T		T		
D03													

# Molded case circuit breaker as upstream device

in combination with molded case circuit breaker as downstream devices

3VA1 - 3VA

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1												
					Application	LineProtection												
					FrameSize	250A			400A				630A					
					Tripunitytype	TM240			TM220		TM240		TM220			TM240		
					Icu[kA]	36 / 55 / 70			36 / 55 / 70 / 110		36 / 55 / 70 / 110		36 / 55 / 70 / 110			36 / 55 / 70 / 110		
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	160	200	250	320	400	320	400	500	630	500	630		
3VA1	LineProtection	100A	TM210	16	40 / 50 / 63 / 80 / 100	3.8	4.6	6.4	T	T	T	T	T	T	T	T		
				16 / 25 / 36	5.8	8	9.2	T	T	T	T	T	T	T				
				25 / 36	40 / 50 / 63 / 80 / 100	3.8	4.6	6.4	18	T	18	T	T	T	T			
		160A	TM210 / TM220 / TM240	25 / 36 / 55 / 70	16 / 20 / 25 / 32	5.8	8	9.2	T	T	T	T	T	T	T	T	T	
					40 / 50 / 63 / 80 / 100	3.8	4.6	6.4	18	T	18	T	T	T	T			
					125		5.2	6	14	20	14	20	T	T	T	T		
					160			6	14	20	14	20	T	T	T	T		
		250A	TM240	36 / 55 / 70	160 / 200				3.1	4.9	3.1	4.9	6.4	7.1	6.4	7.1		
					250				4.9		4.9	6.4	7.1	6.4	7.1			
		400A	TM240	36 / 55 / 70 / 110	320 / 400													
					500													
					630													
	Starter-Protection	160A	TM110M	55 / 70	1 / 2 / 4		T	T	T			T	T			T	T	
					8 / 12.5	4.5	5.5	12			T	T			T	T		
			TM120M	55 / 70	20	4.5	5.5	12			T	T					T	T
					32	5.8	8	9.2	T	T	T	T	T	T	T			
					40 / 50 / 63 / 80 / 100	3.8	4.6	6.4	18	T	18	T	T	T	T			
					125		5.2	6	14	20	14	20	T	T	T	T		
					160 / 200				3.1	4.9	3.1	4.9	6.4	7.1	6.4	7.1		
					250 / 320													
			400A	55 / 70 / 110	400													
					500													

Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1		
					Application	LineProtection		
					FrameSize	1000A		
					Tripunitytype	TM240		
					Icu[kA]	55 / 70 / 110		
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	630	800	1000
3VA1	LineProtection	100A	TM210	16	40 / 50 / 63 / 80 / 100	T	T	T
				16 / 25 / 36	16 / 20 / 25 / 32	T	T	T
				25 / 36	40 / 50 / 63 / 80 / 100	T	T	T
		160A	TM210 / TM220 / TM240	25 / 36 / 55 / 70	16 / 20 / 25 / 32	T	T	T
					40 / 50 / 63 / 80 / 100	T	T	T
					125	T	T	T
					160	T	T	T
		250A	TM240	36 / 55 / 70	160 / 200	26	26	26
					250	26	26	26
		400A	TM240	36 / 55 / 70 / 110	320 / 400	18	18	18
					500		14	16
					630			16
	Starter-Protection	160A	TM110M	55 / 70	1 / 2 / 4	T	T	T
					8 / 12.5	T	T	T
			TM120M	55 / 70	20	T	T	T
					32	T	T	T
					40 / 50 / 63 / 80 / 100	T	T	T
		250A	TM120M	55 / 70 / 110	125	T	T	T
					160 / 200	26	26	26
		400A	TM120M	55 / 70 / 110	250 / 320	13	13	13
					400	14	14	16
					500		14	16

3VA2 - 3VA

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2					
					Application	LineProtection					
					FrameSize	160A					
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560			
					Icu[kA]	55 / 85 / 110		36			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	100	160	160			
3VA1	LineProtection	100A	TM210	16 / 25 / 36	16 / 20 / 25 / 32	T	T	T			
					40 / 50 / 63	2.9	4.4	4.4			
					80 / 100		4.4	4.4			
					160A	TM210 / TM220 / TM240	25 / 36	16 / 20 / 25 / 32	T	T	T
								40 / 50 / 63	2.9	4.4	4.4
								80 / 100		4.4	4.4
		125 / 160									
		250A	TM240	36 / 55 / 70				16 / 20 / 25 / 32	36	36	T
								40 / 50 / 63	2.9	4.4	4.4
					80 / 100		4.4	4.4			
					125 / 160						
		400A	TM220	36 / 55 / 70	320 / 400						
						110					
			TM240	36 / 55 / 70	320						
					400						
					320						
					400						



Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2				
					Application	LineProtection				
					FrameSize	250A				
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560	ETU345	
					Icu[kA]	55 / 85 / 110		36	55	
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	160	250	160		
3VA1	LineProtection	100A	TM210	16 / 25 / 36	16 / 20 / 25 / 32	T	T	T	T	
					40 / 50 / 63	T	T	T	T	
					80 / 100	T	T	T	T	
			160A	TM210 / TM220 / TM240	25 / 36	16 / 20 / 25 / 32	T	T	T	T
						40 / 50 / 63	T	T	T	T
						80 / 100	T	T	T	T
						125 / 160	T	T	T	T
				55 / 70	16 / 20 / 25 / 32	36	36	T	36	
					40 / 50 / 63	36	36	T	36	
		80 / 100			36	36	T	36		
		125 / 160			36	36	T	36		
		250A	TM240	36 / 55 / 70	160					
					200 / 250					
		400A	TM220	36 / 55 / 70	320 / 400					
					110					
			TM240	36 / 55 / 70	320					
					400					
					320					
					400					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2			
					Application	LineProtection			
					FrameSize	400A			
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU345	
					Icu[kA]	55 / 85 / 110		55	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	400	250	
3VA1	LineProtection	100A	TM210	16 / 25 / 36	16 / 20 / 25 / 32	T	T	T	
					40 / 50 / 63	T	T	T	
					80 / 100	T	T	T	
			160A	TM210 / TM220 / TM240	25 / 36	16 / 20 / 25 / 32	T	T	T
						40 / 50 / 63	T	T	T
						80 / 100	T	T	T
		55 / 70		125 / 160	T	T	T		
				16 / 20 / 25 / 32	T	T	T		
				40 / 50 / 63	T	T	T		
		250A	TM240	36 / 55 / 70	80 / 100	T	T	T	
					125 / 160	T	T	T	
		400A	TM220	36 / 55 / 70	320 / 400	160	13	12	13
						200 / 250		12	
			TM240	36 / 55 / 70	320				
					400				
			110	36 / 55 / 70	320				
					400				

Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2									
					Application	LineProtection									
					FrameSize	630A					1000A				
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			ETU345		ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		
					Icu[kA]	55 / 85 / 110			55		55 / 85 / 110				
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	400	630	400	630	500	630	800	1000		
3VA1	LineProtection	100A	TM210	16 / 25 / 36	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T		
					40 / 50 / 63	T	T	T	T	T	T	T			
					80 / 100	T	T	T	T	T	T	T			
			160A	TM210 / TM220 / TM240	25 / 36	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	
						40 / 50 / 63	T	T	T	T	T	T	T		
					80 / 100	T	T	T	T	T	T	T			
		125 / 160			T	T	T	T	T	T	T				
		55 / 70		16 / 20 / 25 / 32	T	T	T	T	T	T	T	T			
				40 / 50 / 63	T	T	T	T	T	T	T				
		250A	TM240	36 / 55 / 70	160	T	T	T	T	T	T	T			
					200 / 250	T	T	T	T	T	T	T			
		400A	TM220	36 / 55 / 70	320 / 400										
			TM240	36 / 55 / 70	320		14		14	14	18	18	18		
					400		14		14		18	18	18		
				110	320		14		14	14	18	18	18		
					400		14		14		18	18	18		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2														
					Application	LineProtection														
					FrameSize	1000A		1250A				1600A								
					Tripunittype	ETU345		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860				ETU320 / ETU350 / ETU360 / ETU650 / ETU660								
					Icu[kA]	55		55 / 85 / 110				55			85					
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	630	1000	1250	800	1000	1250	1600	800	1000	1250	1600				
3VA1	LineProtection	100A	TM210	16 / 25 / 36	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T	T	T				
					40 / 50 / 63	T	T	T	T	T	T	T	T	T	T	T				
					80 / 100	T	T	T	T	T	T	T	T	T	T	T	T			
					160A	TM210 / TM220 / TM240	25 / 36	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T	T	T	T
								40 / 50 / 63	T	T	T	T	T	T	T	T	T	T		
								80 / 100	T	T	T	T	T	T	T	T	T	T		
		125 / 160	T	T				T	T	T	T	T	T	T	T					
		55 / 70	16 / 20 / 25 / 32	T	T	T	T	T	T	T	T	T	T	T	T	T				
			40 / 50 / 63	T	T	T	T	T	T	T	T	T	T	T	T					
			80 / 100	T	T	T	T	T	T	T	T	T	T	T	T					
			125 / 160	T	T	T	T	T	T	T	T	T	T	T	T					
		250A	TM240	36 / 55 / 70	160	T	T	T	T	T	T	T	T	T	T	T				
					200 / 250	T	T	T	T	T	T	T	T	T	T					
		400A	TM220	36 / 55 / 70	320 / 400	T	T	T	T	T	T	T	T	T	T	T				
						T	T	T	T	T	T	T	T	T						
				110	320	18	18	18	T	T	T	T	T	T	T					
					400	18	18	18	T	T	T	T	T	T	T					
			TM240	36 / 55 / 70	320	18	18	18	T	T	T	T	T	T	T					
					400	18	18	18	T	T	T	T	T	T						
			110	320	18	18	18	T	T	T	T	T	T	T						
				400	18	18	18	T	T	T	T	T	T	T						

Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2					
					Application	LineProtection					
					FrameSize	1600A					
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660					
					Icu[kA]	110					
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	800	1000	1250	1600		
3VA1	LineProtection	100A	TM210	16 / 25 / 36	16 / 20 / 25 / 32	T	T	T	T		
					40 / 50 / 63	T	T	T	T		
					80 / 100	T	T	T	T		
		160A	TM210 / TM220 / TM240	25 / 36	16 / 20 / 25 / 32	T	T	T	T		
					40 / 50 / 63	T	T	T	T		
					80 / 100	T	T	T	T		
					125 / 160	T	T	T	T		
				55 / 70	16 / 20 / 25 / 32	T	T	T	T		
					40 / 50 / 63	T	T	T	T		
					80 / 100	T	T	T	T		
					125 / 160	T	T	T	T		
				250A	TM240	36 / 55 / 70	160	T	T	T	T
							200 / 250	T	T	T	T
				400A	TM220	36 / 55 / 70	320 / 400	T	T	T	T
								110	100	100	100
		TM240	36 / 55 / 70		320	T	T	T	T		
					400	T	T	T	T		
			110		320	100	100	100	100		
					400	100	100	100	100		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2		
						Application	LineProtection		
						FrameSize	160A		
						Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560
						Icu[kA]	55 / 85 / 110		36
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	100	160	160	
3VA1	LineProtection	630A	TM220	36 / 55 / 70	500				
				36 / 55 / 70	630				
			110	500					
				630					
			TM240	36 / 55 / 70	500				
					630				
				110	500				
		630							
		1000A			55 / 70 / 110	630			
		1000A	TM110M	55 / 70	1 / 2 / 4 / 8 / 12.5				
				TM120M	55 / 70	20			
						32 / 40 / 50 / 63 / 80 / 100			
			125						
			160						
	400A		55	250					
				320					
	630A	70 / 110	250						
			320						
		55	400						
			500						
		70 / 110	400						
			500						
	1000A	55 / 70 / 110	630						
	800								

Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2			
					Application	LineProtection			
					FrameSize	250A			
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560	ETU345
					Icu[kA]	55 / 85 / 110		36	55
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	160	250	160	
3VA1	LineProtection	630A	TM220	36 / 55 / 70	500				
				36 / 55 / 70	630				
				110	500				
			TM240	36 / 55 / 70	630				
				110	500				
				110	630				
		1000A	TM110M	55 / 70 / 110	630				
				800					
				1000					
			TM120M	55 / 70	1 / 2 / 4 / 8 / 12.5	36	36	36	
				55 / 70	20	36	36	36	
					32 / 40 / 50 / 63 / 80 / 100	36	36	T	36
	125	36	T						
	Starter-Protection	250A	TM120M	55	160				
					200				
					250				
		400A	TM120M	55	320				
					250				
					320				
		630A	TM120M	55	400				
					500				
					400				
			1000A	TM120M	55 / 70 / 110	400			
						500			
						630			
	1000A	TM120M	55 / 70 / 110	800					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2			
						Application	LineProtection			
						FrameSize	400A			
						Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU345	
						Icu[kA]	55 / 85 / 110		55	
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	250	400	250		
3VA1	LineProtection	630A	TM220	36 / 55 / 70	500					
					630					
				110	500					
					630					
				36 / 55 / 70	500					
					630					
					500					
		1000A	TM240	110	500					
					630					
				55 / 70 / 110	630					
			800							
			1000							
			Starter-Protection	160A	TM110M	55 / 70	1 / 2 / 4 / 8 / 12.5	T	T	T
	20	T					T	T		
	55 / 70	32 / 40 / 50 / 63 / 80 / 100				T	T	T		
		125				T	T	T		
		160				13	12	13		
	250A	TM120M				55	200		12	
							250			
				400A	55	320				
						250				
				630A	70 / 110	320				
						400				
						500				
	1000A	70 / 110 / 110		55	400					
					500					
			70 / 110 / 110	400						
500										
55 / 70 / 110	70 / 110 / 110	630								
		800								



Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2										
					Application	LineProtection										
					FrameSize	630A				1000A						
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU345		ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860				
					Icu[kA]	55 / 85 / 110		55		55 / 85 / 110						
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	400	630	400	630	500	630	800	1000			
3VA1	LineProtection	630A	TM220	36 / 55 / 70	500											
					630											
				500												
			TM240	36 / 55 / 70	630											
					500									13	13	
				110	500									13	13	
		1000A	55 / 70 / 110	630	500									13	13	
					630										13	
				110	500									13	13	
			55 / 70 / 110	630	630											10
					800											
				1000												
	Starter-Protection	160A	TM110M	55 / 70	1 / 2 / 4 / 8 / 12.5	T		T	T	T	T	T	T	T	T	
					20	T		T	T	T	T	T	T	T	T	
					32 / 40 / 50 / 63 / 80 / 100	T		T	T	T	T	T	T	T	T	T
			55 / 70	125	T		T	T	T	T	T	T	T	T	T	T
				160	T		T	T	T	T	T	T	T	T	T	T
				200	T		T	T	T	T	T	T	T	T	T	T
		250A	55	250	18	18	18	18	18	18	18	13	13	13	13	
					320			18	18	18	13	13	13	13		
				70 / 110	250	18	18	18	18	18	18	13	13	13	13	
			320					18	18	18	13	13	13	13		
			55		400			13	13	13	13	13	13	13		
			400A	55	400										13	13
		500												13	13	
		70 / 110			400				13	13	13	13	13	13	13	
				500										13	13	
				55 / 70 / 110	400										13	13
		500												13	13	
		630														
630A	55 / 70 / 110	630														
			800													
		55 / 70 / 110	630													
	800															
	1000A		55 / 70 / 110	630												
		800														

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2																														
					Application	LineProtection																														
					FrameSize	1000A		1250A				1600A																								
					Tripunitytype	ETU345		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860				ETU320 / ETU350 / ETU360 / ETU650 / ETU660																								
					Icu[kA]	55		55 / 85 / 110				55				85																				
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	630	1000	1250	800	1000	1250	1600	800	1000	1250	1600																				
3VA1	LineProtection	630A	TM220	36 / 55 / 70	500					T	T	T	T	T	T	T	T																			
					630						T	T	T		T	T	T																			
				500							T	T	T	T	70	70	70	70																		
			630								T	T	T		70	70	70																			
			TM240	36 / 55 / 70	500		13		13			T	T	T	T	T	T	T	T																	
					630		13		13				T	T	T		T	T	T																	
		110			13		13			T	T	T	T	70	70	70	70																			
		1000A	55 / 70 / 110	630	10	630		10		10			36	36	36		36	36	36																	
						800						36	36			36	36																			
				1000										18				18																		
			TM110M	55 / 70	1 / 2 / 4 / 8 / 12.5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T																
																					TM120M	55 / 70	20	T	T	T	T	T	T	T	T	T	T	T	T	T
		125	T	T	T	T	T	T	T	T	T	T																								
		160	T	T	T	T	T	T	T	T	T	T	T																							
	200	T	T	T	T	T	T	T	T	T	T	T																								
	400A	55	250	13	13	13	13	13	13	T	T	T	T	T	T	T	T	T																		
																			320	13	13	13	13	T	T	T	T	T	T							
			70 / 110	250	13	13	13	13	13	13	13	T	T	T	T	62	62	62	62																	
		320																		13	13	13	13	T	T	T	T	62	62	62						
		55		400	13	13	13	13	13	13	13	T	T	T	T	T	T	T	T																	
			500																		13	13	13	T	T	T	T	T	T							
	70 / 110		400	13	13	13	13	13	13	13	T	T	T	T	67	67	67	67																		
		500																		13	13	13	T	T	T	T	67	67	67							
		1000A	55 / 70 / 110	630		13	13	13	13	13	T	T	T	T	67	67	67	67																		
	800																			13	13	13	13	13	T	T	T	T	18	18	18					

Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2					
					Application	LineProtection					
					FrameSize	1600A					
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660					
					Icu[kA]	110					
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	800	1000	1250	1600		
3VA1	LineProtection	630A	TM220	36 / 55 / 70	500	T	T	T	T		
					630		T	T	T		
				110	500	70	70	70	70		
					630		70	70	70		
				TM240	36 / 55 / 70	500	T	T	T	T	
						630		T	T	T	
		110	500		70	70	70	70			
			630			70	70	70			
		55 / 70 / 110	630			36	36	36			
			800				36	36			
		Starter-Protection	1000A	160A	TM110M	55 / 70	1 / 2 / 4 / 8 / 12.5	T	T	T	T
						55 / 70	20	T	T	T	T
	32 / 40 / 50 / 63 / 80 / 100						T	T	T	T	
	125						T	T	T	T	
	160						T	T	T	T	
	200						T	T	T	T	
	250		T	T	T		T				
	400A		TM120M	55	250	T	T	T	T		
					320	T	T	T	T		
				70 / 110	250	62	62	62	62		
					320	62	62	62	62		
				55	400	T	T	T	T		
					500	T	T	T	T		
	630A		TM120M	70 / 110	400	67	67	67	67		
					500	67	67	67	67		
				55 / 70 / 110	630		18	18	18		
					800			18	18		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2								
					Application	LineProtection								
					FrameSize	250A								
					Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			ETU320 / ETU330 / ETU560		ETU340	ETU340 / ETU345	ETU350 / ETU550 / ETU850 / ETU860	
					Icu[kA]	55	85 / 110		36 / 55		85 / 110		55	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	160	160	250		160	160	250		
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T	T	T	T		
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110		T	55	55	T	55	T	T		
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55		T	T	T	T	T	T	T		
			ETU330 / ETU560	36 / 55		T	T	T	T	T	T	T		

Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2					
					Application	LineProtection					
					FrameSize	400A			630A		
					Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345	ETU320 / ETU330 / ETU340 / ETU350	
					Icu[kA]	55 / 85 / 110			55	55 / 85	110
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	400	250	400		
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T	T	T
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	25 / 40 / 63 / 100	T	T	T	T	T	T
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55		T	T	T	T	T	T
			ETU330 / ETU560	36 / 55		T	T	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2					
					Application	LineProtection					
					FrameSize	630A					
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU345		ETU550 / ETU560 / ETU850 / ETU860	
					Icu[kA]	55 / 85		110		55	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	630		400	630	400 / 500	
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T	T	T
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	25 / 40 / 63 / 100	T	T	T	T	T	T
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55		T	T	T	T	T	
			ETU330 / ETU560	36 / 55	T	T	T	T	T		

Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2							
					Application	LineProtection							
					FrameSize	1000A			1250A				
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860			ETU345		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		
					Icu[kA]	55 / 85 / 110			55		55 / 85 / 110		
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	630	800	1000	630	1000	1250		
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T	T	T		
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	25 / 40 / 63 / 100	T	T	T	T	T	T		
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55		T	T	T	T	T	T		
			ETU330 / ETU560	36 / 55		T	T	T	T	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2								
					Application	LineProtection								
					FrameSize	1600A								
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660								
					Icu[kA]	55				85 / 110				
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	800	1000	1250	1600	800	1000	1250	1600	
3VA2	LineProtection	100A	ETU320	36	25 / 40 / 63	T	T	T	T	T	T	T	T	
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T
			ETU320 / ETU350 / ETU550 / ETU850 / ETU860	55		T	T	T	T	T	T	T	T	
			ETU330 / ETU560	36 / 55	T	T	T	T	T	T	T	T	T	



Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2								
					Application	LineProtection								
					FrameSize	250A								
					Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			ETU320 / ETU330 / ETU560		ETU340	ETU340 / ETU345	ETU350 / ETU550 / ETU850 / ETU860	
					Icu[kA]	55	85 / 110		36 / 55		85 / 110		55	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	160	160	250		160	160	250		
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	25 / 40 / 63 / 100 / 160	5.7	5.7	6	6	5.9	5.9	6		
			ETU320 / ETU330 / ETU560	36	160	5.7	5.7	6	6	5.9	5.9	6		
			ETU340		25 / 40 / 63 / 100	5.7	5.7	6	6	5.9	5.9	6		
		250A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	160				3.2	3.2			3.2	
			ETU320 / ETU330 / ETU560	36 / 55 / 85 / 110	250									
			ETU345	55	160				3.2	3.2			3.2	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2					
					Application	LineProtection					
					FrameSize	400A			630A		
					Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345	ETU320 / ETU330 / ETU340 / ETU350	
					Icu[kA]	55 / 85 / 110			55	55 / 85	110
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	400	250	400		
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	25 / 40 / 63 / 100 / 160	T	T	T	T	T	T
			ETU320 / ETU330 / ETU560	36	160	T	T	T	T	T	T
			ETU340		25 / 40 / 63 / 100	T	T	T	T	T	T
		250A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	160	T	T	T	T	T	T
			ETU320 / ETU330 / ETU560	36 / 55 / 85 / 110	250		4.8			T	T
			ETU345	55	160	T	T	T	T	T	T

Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2								
					Application	LineProtection								
					FrameSize	630A								
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU345		ETU550 / ETU560 / ETU850 / ETU860				
					Icu[kA]	55 / 85		110		55		55 / 85		110
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	630		400	630	400 / 500				
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	25 / 40 / 63 / 100 / 160		T		T		T		T	
							T		T		T		T	
							T		T		T		T	
			250A	ETU320 / ETU330 / ETU560	36	160		T		T		T		T
								T		T		T		T
								T		T		T		T
		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	160		T		T		T		T		T
						T		T		T		T		T
						T		T		T		T		T
		ETU320 / ETU330 / ETU560	36 / 55 / 85 / 110	250		T		T		T		T		T
	T					T		T		T		T		
ETU345	55	160		T		T		T		T		T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2							
					Application	LineProtection							
					FrameSize	1000A			1250A				
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860			ETU345		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		
					Icu[kA]	55 / 85 / 110			55		55 / 85 / 110		
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	630	800	1000	630	1000	1250		
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	25 / 40 / 63 / 100 / 160	T	T	T	T	T	T		
						T	T	T	T	T	T		
			ETU320 / ETU330 / ETU560	36	160	T	T	T	T	T	T		
		ETU340		25 / 40 / 63 / 100	T	T	T	T	T	T			
		250A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	160	T	T	T	T	T	T		
						T	T	T	T	T	T		
			ETU320 / ETU330 / ETU560	36 / 55 / 85 / 110	250	T	T	T	T	T	T		
		ETU345	55	160	T	T	T	T	T	T			

Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2								
					Application	LineProtection								
					FrameSize	1600A								
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660								
					Icu[kA]	55				85 / 110				
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	800	1000	1250	1600	800	1000	1250	1600	
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	25 / 40 / 63 / 100 / 160	T	T	T	T	T	T	T	T	
						T	T	T	T	T	T	T	T	
			ETU320 / ETU330 / ETU560	36	160	T	T	T	T	T	T	T	T	T
			ETU340		25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	T
			ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	160	T	T	T	T	T	T	T	T	T
		ETU320 / ETU330 / ETU560	36 / 55 / 85 / 110	250	T	T	T	T	T	T	T	T	T	
		ETU345	55	160	T	T	T	T	T	T	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2								
					Application	LineProtection								
					FrameSize	250A								
					Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560		ETU340	ETU340 / ETU345	ETU350 / ETU550 / ETU850 / ETU860		
					Icu[kA]	55	85 / 110		36 / 55		85 / 110		55	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	160	160	250		160	160	250		
3VA2	LineProtection	250A	ETU350 / ETU550 / ETU850 / ETU860	55 / 85 / 110	250									
				55 / 85										
			110											
		400A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85		400								
				110										
			ETU345	55			250							

Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2							
					Application	LineProtection							
					FrameSize	400A			630A				
					Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345	ETU320 / ETU330 / ETU340 / ETU350			
					Icu[kA]	55 / 85 / 110			55	55 / 85	110		
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	400	250	400				
3VA2	LineProtection	250A	ETU350 / ETU550 / ETU850 / ETU860	55 / 85 / 110	250		4.8			T	T		
				55 / 85					T	T			
			110					T	87				
		400A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85		400							
				110									
			ETU345	55			250					T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2					
					Application	LineProtection					
					FrameSize	630A					
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU345		ETU550 / ETU560 / ETU850 / ETU860	
					Icu[kA]	55 / 85		110		55	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	630		400	630	400 / 500	
3VA2	LineProtection	250A	ETU350 / ETU550 / ETU850 / ETU860	55 / 85 / 110	250	T	T	T	T	T	T
				55 / 85		T	T	T	T	T	
			110	T		87	T	T	T	87	
		400A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85		T	T	T	T		
				110		T	87	T	T		
			ETU345	55		250	T	T	T	T	



Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2							
					Application	LineProtection							
					FrameSize	1000A			1250A				
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860			ETU345		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		
					Icu[kA]	55 / 85 / 110			55		55 / 85 / 110		
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	630	800	1000	630	1000	1250		
3VA2	LineProtection	250A	ETU350 / ETU550 / ETU850 / ETU860	55 / 85 / 110	250	T	T	T	T	T	T		
				55 / 85		19	19	26	19	26	26		
			110	19		19	26	19	26	26			
		400A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85		400	19	19	26	19	26	26	
				110			19	19	26	19	26	26	
			ETU345	55			250	19	19	26	19	26	26

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2								
					Application	LineProtection								
					FrameSize	1600A								
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660								
					Icu[kA]	55				85 / 110				
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	800	1000	1250	1600	800	1000	1250	1600	
3VA2	LineProtection	250A	ETU350 / ETU550 / ETU850 / ETU860	55 / 85 / 110	250	T	T	T	T	T	T	T	T	
				55 / 85		T	T	T	T	T	T	T		
			110	T		T	T	T	T	T	T			
		400A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85		400	T	T	T	T	T	T	T	T
				110			T	T	T	T	T	T	T	
			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	110			T	T	T	T	T	T		
	ETU345	55	250	T	T		T	T	T	T	T	T		

Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2							
					Application	LineProtection							
					FrameSize	250A							
					Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560		ETU340	ETU340 / ETU345	ETU350 / ETU550 / ETU850 / ETU860	
					Icu[kA]	55	85 / 110		36 / 55		85 / 110		55
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	160	160	250		160	160	250	
3VA2	LineProtection	630A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55	400								
				630									
			ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	400								
				630									
			ETU550 / ETU560 / ETU850 / ETU860	55	500								
				85 / 110									

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2					
					Application	LineProtection					
					FrameSize	400A			630A		
					Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345	ETU320 / ETU330 / ETU340 / ETU350	
					Icu[kA]	55 / 85 / 110			55	55 / 85	110
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	400	250	400		
3VA2	LineProtection	630A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55	400						
					630						
			ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	85 / 110	400						
					630						
			ETU550 / ETU560 / ETU850 / ETU860	55	500						
						85 / 110					

Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	630A						
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU345		ETU550 / ETU560 / ETU850 / ETU860		
					Icu[kA]	55 / 85		110		55		55 / 85      110
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	630		400	630	400 / 500		
3VA2	LineProtection	630A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55	400							
					630							
				85 / 110	400							
					630							
			ETU550 / ETU560 / ETU850 / ETU860	55	500							
						85 / 110						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2							
					Application	LineProtection							
					FrameSize	1000A			1250A				
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860			ETU345		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		
					Icu[kA]	55 / 85 / 110			55		55 / 85 / 110		
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	630	800	1000	630	1000	1250		
3VA2	LineProtection	630A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55	400	10	10	25	10	25	25		
					630			25		25	25		
				85 / 110	400	10	10	25	10	25	25		
					630			25		25	25		
				55	500			10		25		25	25
						85 / 110			10		25		25

Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2							
					Application	LineProtection							
					FrameSize	1600A							
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660							
					Icu[kA]	55				85 / 110			
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	800	1000	1250	1600	800	1000	1250	1600
3VA2	LineProtection	630A	ETU320 / ETU330 / ETU340 / ETU345 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55	400	T	T	T	T	T	T	T	T
				630			T	T	T		T	T	
			85 / 110	400	T	T	T	T	55	55	55	55	
				630		T	T	T		55	55	55	
		ETU550 / ETU560 / ETU850 / ETU860	55	500	T	T	T	T	T	T	T	T	T
			85 / 110		T	T	T	T	55	55	55	55	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2									
					Application	LineProtection									
					FrameSize	250A									
					Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			ETU320 / ETU330 / ETU560		ETU340	ETU340 / ETU345	ETU350 / ETU550 / ETU850 / ETU860		
					Icu[kA]	55	85 / 110		36 / 55		85 / 110		55		
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	160	160	250		160	160	250			
3VA2	LineProtection	1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55 / 85 / 110	630										
					800										
					1000										
		ETU345		55	630										
					1000										
		Motor-Protection		160A	250A	ETU350M / ETU550M / ETU860M	55 / 110	25 / 40 / 63 / 100	5.7	5.7	6	6	5.9	5.9	6
	160								3.2	3.2			3.2		
	200														
	400A		55				250								
							400								
	630A		110				500								
				400											
	1000A		55 / 110	630											
				800											
				ETU310M	110		25 / 40 / 63 / 100	5.7	5.7	6	6	5.9	5.9	6	
							160			3.2	3.2			3.2	
							250								
		400													



Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	400A				630A		
					Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345	ETU320 / ETU330 / ETU340 / ETU350		
					Icu[kA]	55 / 85 / 110			55	55 / 85	110	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	250	400	250	400			
3VA2	LineProtection	1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55 / 85 / 110	630							
					800							
					1000							
		ETU345		55	630							
					1000							
		Motor-Protection		160A	250A	ETU350M / ETU550M / ETU860M	55 / 110	25 / 40 / 63 / 100	T	T	T	T
	160		3.8					4.8	4.7	4.7	T	T
	200							4.8			T	T
	400A		55	110	250						T	T
					400						T	87
	630A		55	110	400							
					500							
					400							
	1000A		55 / 110	110	400							
					500							
					630							
	800		55 / 110	110	630							
		800										
		25 / 40 / 63 / 100			T	T	T	T	T	T		
		160			3.8	4.8	4.7	4.7	T	T		
	630A	55 / 110	110	250					T	87		
				400								
				400								
				500								

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2								
					Application	LineProtection								
					FrameSize	630A								
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU345		ETU550 / ETU560 / ETU850 / ETU860				
					Icu[kA]	55 / 85		110		55		55 / 85		110
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	630		400	630	400 / 500				
3VA2	LineProtection	1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55 / 85 / 110	630									
					800									
					1000									
		ETU345		55	630									
					1000									
		Motor-Protection		160A	250A	ETU350M / ETU550M / ETU860M	55 / 110	25 / 40 / 63 / 100	T	T	T	T	T	T
	160		T					T	T	T	T	T		
	200		T					T	T	T	T	T		
	250		T					T	T	T	T	T		
	400		T					87	T	T	T	87		
	500													
	630A		400A	55	400									
					500									
	1000A		110	55 / 110	400									
					500									
	Starter-Protection		630A	1000A	ETU310M		110	630						
								800						
		25 / 40 / 63 / 100				T		T	T	T	T	T		
		160				T		T	T	T	T	T		
	250A	400A	55 / 110	250	T	87	T	T	T	87				
				400										

Molded case circuit breaker as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	1000A			1250A			
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860			ETU345		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	
					Icu[kA]	55 / 85 / 110			55		55 / 85 / 110	
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	630	800	1000	630	1000	1250	
3VA2	LineProtection	1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55 / 85 / 110	630							
					800							
					1000							
		ETU345		55	630							
					1000							
		Motor-Protection		160A	ETU350M / ETU550M / ETU860M	55 / 110	25 / 40 / 63 / 100	T	T	T	T	T
	160		T				T	T	T	T		
	200		T				T	T	T	T		
	400A		55	250		19	19	26	19	26		
				110		19	19	26	19	26		
	630A		55	400		10	10	25	10	25		
				500			10	25		25		
	1000A		110	400		10	10	25	10	25		
				500			10	25		25		
				630								
	800		55 / 110	630								
				800								
	Starter-Protection	160A	ETU310M	110	25 / 40 / 63 / 100	T	T	T	T	T	T	
					160	T	T	T	T	T		
					250	19	19	26	19	26		
					400	10	10	25	10	25		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2								
					Application	LineProtection								
					FrameSize	1600A								
					Tripunittype	ETU320 / ETU350 / ETU360 / ETU650 / ETU660								
					Icu[kA]	55				85 / 110				
Productline	Application	FrameSize	Tripunittype	Icu[kA]	In[A]	800	1000	1250	1600	800	1000	1250	1600	
3VA2	LineProtection	1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55 / 85 / 110	630		26	26	26		26	26	26	
					800			26	26			26	26	
					1000				19				19	
		ETU345			55	630		26	26	26		26	26	26
						1000				19				19
	Motor-Protection	160A	ETU350M / ETU550M / ETU860M	55 / 110	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	
					160	T	T	T	T	T	T	T		
					200	T	T	T	T	T	T	T		
		250A		55	250	T	T	T	T	T	T	T	T	
					110	400	T	T	T	T	T	T	T	
						500	T	T	T	T	T	T	T	
		400A		55	110	400	T	T	T	T	55	55	55	55
						500	T	T	T	T	55	55	55	55
		630A		55	110	630		19	19	19		19	19	19
						800			19	19			19	19
	1000A		55 / 110			630		19	19	19		19	19	19
						800			19	19			19	19
	Starter-Protection	160A	ETU310M	110	25 / 40 / 63 / 100	T	T	T	T	T	T	T	T	
					160	T	T	T	T	T	T	T		
					250	T	T	T	T	T	T	T		
400					T	T	T	T	T	T	T			
250A		160A			ETU310M	110	25 / 40 / 63 / 100	T	T	T	T	T	T	T
							160	T	T	T	T	T	T	T
							250	T	T	T	T	T	T	T
							400	T	T	T	T	T	T	T

Molded case circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

## in combination with motor starter protector as downstream devices

### 3VA1 - 3RV

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2							Productline	3VA1									
							Application	LineProtection									
							FrameSize	100A				160A					250A
							Tripunitytype	TM210				TM210 / TM220 / TM240					TM240
							Icu[kA]	16 / 25 / 36				25 / 36 / 55 / 70					36 / 55 / 70
Productline	Application	FrameSize	Tripunitytype	Un[V]Fuses	Icu[kA]	In[A]	16 / 20 / 25 / 32 / 40	50 / 63	80	100	16 / 20 / 25 / 32 / 40	50 / 63	80	100	125	160	160 / 200 / 250
3RV1	Motor-Protection	500	TM	n.a.	100	1 / 1.25 / 1.6	T	T	T	T	T	T	T	T	T	T	T
						2		T	T	T		T	T	T	T	T	T
						2.5			T	T		T	T	T	T	T	T
						3.2				T			T	T	T	T	T
						4									T	T	T
						5										T	T
						6.3											T
				690	50	8 / 10 / 12											T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA1																
						Application	LineProtection																
						FrameSize	100A					160A											
						Tripunitytype	TM210					TM210 / TM220 / TM240											
						Icu[kA]	16 / 25 / 36					25 / 36 / 55 / 70											
Productline	Application	FrameSize	Tripunitytype	Un[V]Fuses	Icu[kA]	In[A]	16 / 20 / 25 / 32	40 / 50	63	80	100	16 / 20 / 25 / 32	40 / 50	63	80	100							
3RV2	Motor-Protection	S0	TM	n.a.	20	36 / 40																	
						16																	
		50			55	16 / 20 / 22 / 25 / 28 / 32																	
		500				0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5	T	T	T	T	T	T	T	T	T	T							
		50			100	0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5	T	T	T	T	T	T	T	T	T	T	T						
		500				3.2			T	T	T	T		T	T	T	T						
		S0 / S00				4				T	T	T				T	T	T					
						5						T	T					T	T				
						6.3 / 8																	
						10																	
		S2				TM	n.a.	65	12.5														
									40									1.1			1.1		
									14								1.4	1.8				1.4	1.8
									17								1.2	1.5				1.2	1.5
					20											1.1	1.3				1.1	1.3	
					25											1.1	1.3				1.1	1.3	
	32																			1.2			
	36																			1.1			
	52																						
	59																						
	65																						
	73																						
	80																						
	S3	TM	n.a.	100	45																		
					40									1.1			1.1						
					40																		
					50																		
	S3	TM	n.a.	65 / 100	63																		
					75																		
					84																		
					84																		

Molded case circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3VA1												
						Application		LineProtection												
						FrameSize		160A		250A			400A		630A		1000A			
						Tripunitytype		TM210/ TM220/TM240		TM240										
						Icu[kA]		25 / 36 / 55 / 70		36	36 / 55 / 70		55 / 70	36 / 55 / 70 / 110			55 / 70 / 110			
Productline	Application	FrameSize	Tripunitytype	Un[V]Fuses	Icu[kA]	In[A]	125	160	200	160	250	200	320	400	500 / 630	630 / 800 / 1000				
3RV2	Motor-Protection	S0	TM	n.a.	20	36 / 40			T	T	T	T	T	T	T	T				
						16			T	T	T	T	T	T	T	T				
						16 / 20 / 22 / 25 / 28 / 32			T	T	T	T	T	T	T	T	T			
		S0 / S00			100	0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5	T	T	T	T	T	T	T	T	T	T	T	T	T	T
						0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5	T	T	T	T	T	T	T	T	T	T	T	T	T	
						3.2	T	T	T	T	T	T	T	T	T	T	T	T	T	
						4	T	T	T	T	T	T	T	T	T	T	T	T	T	
						5	T	T	T	T	T	T	T	T	T	T	T	T	T	
						6.3 / 8	T	T	T	T	T	T	T	T	T	T	T	T	T	
		S0 / S00			100	10		11	T	T	T	T	T	T	T	T	T	T	T	
						12.5			T	T	T	T	T	T	T	T	T	T		
						40	1.8	2.3	T	20	T	T	T	T	T	T	T	T		
						14	4.5	5.8	T	T	T	T	T	T	T	T	T	T		
						17	3.4	4.4	T	T	T	T	T	T	T	T	T	T		
						20	3.1	4.3	T	T	T	T	T	T	T	T	T	T		
	25		2.7	3.4		T	T	T	T	T	T	T	T	T	T					
	32		2.1	2.7		T	T	T	T	T	T	T	T	T	T					
	36		1.8	2.4		T	T	T	T	T	T	T	T	T	T					
	S2	65 / 100	52		2.1	T	13	T	36	T	T	T	T	T						
			59		1.9	6.8	5.9	T	6.8	T	T	T	T							
			65			6.5		T	6.5	T	T	T	T							
			73			6.5		12	6.5	T	T	T	T							
			80			5.9		7	5.9	T	T	T	T							
			45	1.7	2.1	T	20	T	T	T	T	T	T	T						
			100	1.7	2.1	T	20	T	T	T	T	T	T	T						
	S3	65 / 100	40		1.9	7.1	5.7	13	7.1	T	T	T	T							
			50		1.9	7	5.4	T	7	T	T	T	T							
			63		1.8	7	5.1	11	7	T	T	T	T							
			75			5		6.4	5	T	T	T	T							
			84					5		8.8	T	T	T							

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA1									
						Application	LineProtection									
						FrameSize	100A					160A				
						Tripunitytype	TM210					TM210 / TM220 / TM240				
						Icu[kA]	16 / 25 / 36					25 / 36 / 55 / 70				
Productline	Application	FrameSize	Tripunitytype	Un[V]Fuses	Icu[kA]	In[A]	16 / 20 / 25 / 32	40 / 50	63	80	100	16 / 20 / 25 / 32	40 / 50	63	80	100
3RV2	Motor-Protection	S3	TM	n.a.	65 / 100	93 / 100										



Molded case circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3VA1									
						Application		LineProtection									
						FrameSize		160A		250A		400A		630A		1000A	
						Tripunitytype		TM210/ TM220 / TM240		TM240							
						Icu[kA]		25 / 36 / 55 / 70		36	36 / 55 / 70		55 / 70	36 / 55 / 70 / 110			55 / 70 / 110
Productline	Application	FrameSize	Tripunitytype	Un[V]Fuses	Icu[kA]	In[A]		125	160	200	160	250	200	320	400	500 / 630	630 / 800 / 1000
3RV2	Motor-Protection	S3	TM	n.a.	65 / 100	93 / 100						5		8.3	T	T	T

3VA1 - 3RD

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA1					
				Application	LineProtection					
				FrameSize	100A	160A	250A	400A	630A	1000A
				Tripunitytype	TM210	TM210 / TM220 / TM240	TM240	TM220 / TM240		TM240
				Icu[kA]	16 / 25 / 36	25 / 36 / 55 / 70	36 / 55 / 70	36 / 55 / 70 / 110		55 / 70 / 110
Productline	Application	Tripunitytype	Icu[kA]	In[A]	16 / 20 / 25 / 32 / 40 / 50 / 63 / 80 / 100	16 / 20 / 25 / 32 / 40 / 50 / 63 / 80 / 100 / 125 / 160	160 / 200 / 250	320 / 400	500 / 630	630 / 800 / 1000
3RD1	Starter- Protection	ETU	100	2 / 7	T	T	T	T	T	T

Molded case circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

### 3VA2 - 3RV

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2				
						Application	LineProtection				
						FrameSize	160A				
						Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860				ETU320 / ETU330 / ETU560
						Icu[kA]	55 / 85 / 110				36
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	25	40	63	100 / 160	160
3RV1	Motor-Protection	500	TM	n.a.	100	1 / 1.25 / 1.6 / 2 / 2.5 / 3.2	T	T	T	T	T
						4	2.8	T	T	T	T
						5	2.1	T	T	T	T
						6.3	1.8	9.6	T	T	T
				690	50	8	1.3	3.1	T	T	T
						10	1.1	3.3	11	T	T
						12		1.7	9.8	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2	
						Application	LineProtection	
						FrameSize	250A	
						Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560
						Icu[kA]	55 / 85 / 110	36
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	160 / 250	250
3RV1	Motor-Protection	500	TM	n.a.	100	1 / 1.25 / 1.6 / 2 / 2.5 / 3.2	T	T
						4	T	T
						5	T	T
						6.3	T	T
				690	50	8	T	T
						10	T	T
						12	T	T

Molded case circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2			
						Application	LineProtection			
						FrameSize	400A		630A	
						Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU350	ETU550 / ETU560 / ETU850 / ETU860
						Icu[kA]	55 / 85 / 110			
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	250 / 400		400 / 630	400 / 500 / 630
3RV1	Motor-Protection	500	TM	n.a.	100	1 / 1.25 / 1.6 / 2 / 2.5 / 3.2	T	T	T	
						4	T	T	T	
						5	T	T	T	
						6.3	T	T	T	
				690	50	8	T	T	T	
						10	T	T	T	
						12	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2	
						Application	LineProtection	
						FrameSize	1000A	
						Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	
						Icu[kA]	55 / 110	85
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	630 / 800 / 1000	
3RV1	Motor-Protection	500	TM	n.a.	100	1 / 1.25 / 1.6 / 2 / 2.5 / 3.2	T	70
						4	T	70
						5	T	70
						6.3	T	70
				690	50	8	T	T
						10	T	T
						12	T	T

Molded case circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3VA2			
						Application		LineProtection			
						FrameSize		160A			
						Tripunittype		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			
						Icu[kA]		55 / 85 / 110			
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]	25	40	63	100	
3RV2	Motor-Protection	S0	TM	n.a.	20	36 / 40				T	
						20 / 22 / 25			T	T	
					55	28 / 32				T	
						0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	T	T	
					100	0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	T	T	
		16					T	T	T		
		65			12.5		T	T	T		
					32 / 36 / 40				T		
		65 / 100			52 / 59						
					14		T	T	T		
	17 / 20 / 25				T	T					
	100	65 / 73 / 80									
		32 / 36				T					
	690	100	45 / 52 / 59								
			45								
	n.a.	65 / 100	40								
			40				T				
			40				T				
			50 / 63								
			75 / 84 / 93 / 100								

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2	
						Application	LineProtection	
						FrameSize	160A	
						Tripunittype	ETU320 / ETU330 / ETU560	ETU350 / ETU550 / ETU850 / ETU860
						Icu[kA]	36 / 55 / 85 / 110	55 / 85 / 110
Productline	Application	FrameSize	Tripunittype	Un[V]/Fuses	Icu[kA]	In[A]	160	
3RV2	Motor-Protection	S0	TM	n.a.	20	36 / 40	T	T
					55	20 / 22 / 25	T	T
						28 / 32	T	T
					100	0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T
						0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T
		50 / S00			55	16	T	T
		S2			100	12.5	T	T
					65	32 / 36 / 40	T	T
						52 / 59	T	T
					65 / 100	14	T	T
	17 / 20 / 25		T	T				
	S3	100	65 / 73 / 80					
			32 / 36	T	T			
		690	45 / 52 / 59	T	T			
			45	T	T			
		n.a.	100	40	T	T		
	65 / 100		40	T	T			
			50 / 63	T	T			
			75 / 84 / 93 / 100					



Molded case circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2		
						Application	LineProtection		
						FrameSize	250A		
						Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560	ETU345
						Icu[kA]	55 / 85 / 110	36 / 55 / 85 / 110	55
Productline	Application	FrameSize	Tripunittype	Un[V]Fuses	Icu[kA]	In[A]			
3RV2	Motor-Protection	S0	TM	n.a.	20	36 / 40	T	T	T
						20 / 22 / 25	T	T	T
					55	28 / 32	T	T	T
						0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	T
					100	0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	T
						16	T	T	T
		50 / 500			12.5	T	T	T	
					65	32 / 36 / 40	T	T	T
		65 / 100				52 / 59	T	T	T
					100	14	T	T	T
		100				17 / 20 / 25	T	T	T
					690	65 / 73 / 80		T	
	65	32 / 36	T	T		T			
		100	45 / 52 / 59	T	T	T			
	65 / 100		45	T	T	T			
		n.a.	40	T	T	T			
	65 / 100		40	T	T	T			
		65 / 100	50 / 63	T	T	T			
	65 / 100		75 / 84 / 93 / 100		T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2	
						Application	LineProtection	
						FrameSize	250A	
						Tripunittype	ETU350 / ETU550 / ETU850 / ETU860	
						Icu[kA]	55 / 85 / 110	
Productline	Application	FrameSize	Tripunittype	Un[V]/Fuses	Icu[kA]	In[A]		
3RV2	Motor-Protection	S0	TM	n.a.	20	36 / 40	T	
						20 / 22 / 25	T	
					55	28 / 32	T	
						0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	
					100	0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	
						16	T	
		50 / 500			12.5	T		
					65	32 / 36 / 40	T	
		65 / 100				52 / 59	T	
					100	14	T	
		100				17 / 20 / 25	T	
					100	65 / 73 / 80	T	
	690	32 / 36	T					
		65	45 / 52 / 59	T				
	100		45	T				
		100	40	T				
	n.a.		65 / 100	40	T			
		50 / 63		T				
							75 / 84 / 93 / 100	T

Molded case circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2					
						Application	LineProtection					
						FrameSize	400A					
						Tripunitttype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU340	ETU345			
						Icu[kA]	55 / 85 / 110		55			
Productline	Application	FrameSize	Tripunitttype	Un[V]/Fuses	Icu[kA]	In[A]	250 / 400	250				
3RV2	Motor-Protection	S0	TM	n.a.	20	36 / 40	T	T	T			
						20 / 22 / 25	T	T	T			
					55	28 / 32	T	T	T			
						0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	T			
					100	0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	T			
		16				T	T	T				
		50 / 500			100	12.5	T	T	T			
					65	32 / 36 / 40	T	T	T			
		65 / 100				52 / 59	T	T	T			
					100	14	T	T	T			
	S2	50 / 500	65 / 100	65 / 73 / 80		17 / 20 / 25	T	T	T			
					65 / 73 / 80	T	T	T				
	S3	Motor-Protection	S0	TM	n.a.	100	32 / 36	T	T	T		
							45 / 52 / 59	T	T	T		
						65	45	T	T	T		
							100	40	T	T	T	
						65 / 100	40	T	T	T		
			50 / 63				T	T	T			
			690			100	65 / 100	65 / 73 / 80	75 / 84 / 93 / 100	T	T	T
									75 / 84 / 93 / 100	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3VA2		
						Application		LineProtection		
						FrameSize		630A		
						Tripunittype		ETU320 / ETU330 / ETU340 / ETU350	ETU345	ETU550 / ETU560 / ETU850 / ETU860
						Icu[kA]		55 / 85 / 110	55	55 / 85 / 110
Productline	Application	FrameSize	Tripunittype	Un[V]/Fuses	Icu[kA]	In[A]	400 / 630		400 / 500 / 630	
3RV2	Motor-Protection	S0	TM	n.a.	20	36 / 40	T	T	T	
						20 / 22 / 25	T	T	T	
					55	28 / 32	T	T	T	
						0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	T	
					100	0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	T	
						16	T	T	T	
		50 / 500			12.5	T	T	T		
					65	32 / 36 / 40	T	T	T	
		65 / 100				52 / 59	T	T	T	
					100	14	T	T	T	
		100				17 / 20 / 25	T	T	T	
					690	65 / 73 / 80	T	T	T	
	S3	32 / 36	T	T		T				
		n.a.	45 / 52 / 59	T	T	T				
	45		T	T	T					
	40		T	T	T					
	40		T	T	T					
	65 / 100	50 / 63	T	T	T					
		75 / 84 / 93 / 100	T	T	T					

Molded case circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2	
						Application	LineProtection	
						FrameSize	1000A	
						Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU345
						Icu[kA]	55 / 85 / 110	
Productline	Application	FrameSize	Tripunittype	Un[V]/Fuses	Icu[kA]	In[A]	630 / 800 / 1000	630 / 1000
3RV2	Motor-Protection	S0	TM	n.a.	20	36 / 40	T	T
						20 / 22 / 25	T	T
					55	28 / 32	T	T
						0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T
					100	0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T
		16				T	T	
		50 / 500			100	12.5	T	T
					65	32 / 36 / 40	T	T
		50 / 500				65	52 / 59	T
					14		T	T
	S2	50 / 500	65 / 100	17 / 20 / 25	T	T		
				65 / 73 / 80	T	T		
			100	32 / 36	T	T		
				45 / 52 / 59	T	T		
		S3	690	65	45	T	T	
					100	40	T	T
			n.a.	65 / 100	40	T	T	
					50 / 63	T	T	
				75 / 84 / 93 / 100	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3VA2	
						Application		LineProtection	
						FrameSize		1250A	1600A
						Tripunittype		ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU320 / ETU350 / ETU360 / ETU650 / ETU660
						Icu[kA]		55 / 85 / 110	
Productline	Application	FrameSize	Tripunittype	Un[V]/Fuses	Icu[kA]	In[A]	1250	800 / 1000 / 1250 / 1600	
3RV2	Motor-Protection	S0	TM	n.a.	20	36 / 40	T	T	
						20 / 22 / 25	T	T	
					55	28 / 32	T	T	
						0.16 / 0.2 / 0.25 / 0.32 / 0.4 / 0.5 / 0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	
					100	0.63 / 0.8 / 1 / 1.25 / 1.6 / 2 / 2.5 / 3.2 / 4 / 5 / 6.3 / 8 / 10	T	T	
						16	T	T	
		50 / 500			100	12.5	T	T	
					65	32 / 36 / 40	T	T	
		50 / 500				65	52 / 59	T	T
					14		T	T	
		S2			65 / 100	17 / 20 / 25	T	T	
						65 / 73 / 80	T	T	
	100		32 / 36	T	T				
			45 / 52 / 59	T	T				
	690		65	45	T	T			
			100	40	T	T			
	S3	n.a.	65 / 100	40	T	T			
				50 / 63	T	T			
			65 / 100	75 / 84 / 93 / 100	T	T			

Molded case circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

**3VA2 - 3RD**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA2		
				Application	LineProtection		
				FrameSize	100A		
				Tripunitytype	ETU320	ETU320 / ETU350 / ETU550 / ETU850 / ETU860	ETU330 / ETU560
				Icu[kA]	36	55 / 85 / 110	36 / 55 / 85 / 110
Productline	Application	Tripunitytype	Icu[kA]	In[A]	25 / 40 / 63	25 / 40 / 63 / 100	
3RD1	Starter- Protection	ETU	100	2 / 7	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA2			
				Application	LineProtection			
				FrameSize	160A		250A	
				Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560	ETU340	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860
				Icu[kA]	55 / 85 / 110	36	55 / 85 / 110	
Productline	Application	Tripunitytype	Icu[kA]	In[A]	25 / 40 / 63 / 100 / 160	160	25 / 40 / 63 / 100	160 / 250
3RD1	Starter- Protection	ETU	100	2 / 7	T	T	T	T



Molded case circuit breaker as upstream device  
in combination with motor starter protector as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA2						
				Application	LineProtection						
				FrameSize	250A			400A			
				Tripunitytype	ETU320 / ETU330 / ETU560	ETU340	ETU345	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU340	ETU345	
				Icu[kA]	36	55 / 85 / 110	55	55 / 85 / 110			55
Productline	Application	Tripunitytype	Icu[kA]	In[A]	250	160		250 / 400		250	
3RD1	Starter- Protection	ETU	100	2 / 7	T	T	T	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA2				
				Application	LineProtection				
				FrameSize	630A			1000A	
				Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350	ETU345	ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU345
				Icu[kA]	55 / 85 / 110	55	55 / 85 / 110		55
Productline	Application	Tripunitytype	Icu[kA]	In[A]	400 / 630		400 / 500 / 630	630 / 800 / 1000	630 / 1000
3RD1	Starter- Protection	ETU	100	2 / 7	T	T	T	T	T

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA2	
				Application	LineProtection	
				FrameSize	1250A	1600A
				Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU320 / ETU350 / ETU360 / ETU650 / ETU660
				Icu[kA]	55 / 85 / 110	
Productline	Application	Tripunitytype	Icu[kA]	In[A]	1250	800 / 1000 / 1250 / 1600
3RD1	Starter- Protection	ETU	100	2 / 7	T	T

## in combination with miniature circuit breaker as downstream devices

### 3VA1 - 5SL

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1													
					Application	LineProtection													
					FrameSize	100A					160A								
					Tripunittype	TM210					TM210 / TM220 / TM240								
					Icu[kA]	16 / 25 / 36					25 / 36 / 55 / 70								
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40
5SL3	LineProtection	B	4.5	4.5	16			0.4	0.4	0.5	0.7	0.9	1.3	1.6			0.4	0.4	0.5
					20			0.4	0.5	0.7	0.9	1.3	1.6			0.4	0.6		
					25				0.5	0.7	0.9	1.3	1.6				0.6		
					32					0.7	0.9	1.3	1.5						
					63								1.3						
		B / C			6	0.5	0.5	0.5	0.5	0.7	0.9	1.1	1.8	2.2	0.5	0.5	0.5	0.5	0.7
					10	0.4	0.4	0.4	0.4	0.6	0.9	1	1.6	2	0.4	0.4	0.4	0.4	0.6
					13		0.4	0.4	0.4	0.6	0.8	1	1.5	2		0.4	0.4	0.4	0.6
					40							0.9	1.3	1.6					
					50								1.2	1.4					
	C	0.3 / 0.5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
		1	2.1	2.1	2.1	2.1	T	T	T	T	T	2.1	2.1	2.1	2.1	T			
		1.6	0.9	0.9	0.9	0.9	T	T	T	T	T	0.9	0.9	0.9	0.9	T			
		2	0.7	0.7	0.7	0.7	1	1.5	1.8	3.1	3.6	0.7	0.7	0.7	0.7	1			
		3	0.7	0.7	0.7	0.7	0.9	1.2	1.5	2.6	3.1	0.7	0.7	0.7	0.7	0.9			
		4	0.7	0.7	0.7	0.7	0.9	1.2	1.4	2.5	2.9	0.7	0.7	0.7	0.7	0.9			
		8	0.5	0.5	0.5	0.5	0.7	0.9	1.1	1.7	2.1	0.5	0.5	0.5	0.5	0.7			
		16			0.4	0.4	0.5	0.7	0.9	1.3	1.6			0.4	0.4	0.5			
		20				0.4	0.5	0.7	0.9	1.3	1.6				0.4	0.5			
		25					0.5	0.7	0.9	1.3	1.6					0.5			
32						0.7	0.9	1.3	1.5										
63									1.3										

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1											
					Application	LineProtection											
					FrameSize	160A					250A	400A	630A	1000A			
					Tripunittype	TM210 / TM220 / TM240					TM240						
					Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70	36 / 55 / 70 / 110		55 / 70 / 110			
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	125	160	160 / 200 / 250	320 / 400	500 / 630	630 / 800 / 1000		
5SL3	LineProtection	B	4.5	4.5	16	0.7	0.9	1.3	1.6	3	3.7	T	T	T	T		
					20	0.7	0.9	1.3	1.6	3	3.6	T	T	T	T		
					25	0.7	0.9	1.3	1.6	2.9	3.5	T	T	T	T		
					32	0.7	0.9	1.3	1.5	2.5	3	T	T	T	T		
					63				1.3	2.4	2.9	T	T	T	T		
		B / C			6	0.9	1.1	1.8	2.2	T	T	T	T	T	T	T	T
					10	0.9	1	1.6	2	3.7	T	T	T	T	T	T	
					13	0.8	1	1.5	2	3.6	T	T	T	T	T	T	
					40		0.9	1.3	1.6	2.9	3.4	T	T	T	T		
					50			1.2	1.4	2.5	3	T	T	T	T		
	C	0.3 / 0.5			T	T	T	T	T	T	T	T	T	T	T	T	
		1			T	T	T	T	T	T	T	T	T	T	T	T	
		1.6			T	T	T	T	T	T	T	T	T	T	T		
		2			1.5	1.8	T	T	T	T	T	T	T	T	T		
		3			1.2	1.5	2.6	3.1	T	T	T	T	T	T	T		
		4			1.2	1.4	2.5	2.9	T	T	T	T	T	T	T		
		8			0.9	1.1	1.7	2.1	4	T	T	T	T	T	T		
		16			0.7	0.9	1.3	1.6	3	4	T	T	T	T			
		20			0.7	0.9	1.3	1.6	3	3.6	T	T	T	T			
		25			0.7	0.9	1.3	1.6	2.9	3.6	T	T	T	T			
32	0.7	0.9	1.3	1.5	2.9	3.6	T	T	T	T							
63				1.3	2.4	3	T	T	T	T							

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1														
					Application	LineProtection														
					FrameSize	100A						160A								
					Tripunittype	TM210						TM210 / TM220 / TM240								
					Icu[kA]	16 / 25 / 36						25 / 36 / 55 / 70								
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40	
5SL30(1+N)	LineProtection	C	4.5	4.5	2	1.2	1.2	1.2	1.2	2	2.9	T	T	T	1.2	1.2	1.2	1.2	2	
					4	0.9	0.9	0.9	0.9	1.4	1.9	2.3	4.4	T	0.9	0.9	0.9	0.9	0.9	1.4
					6	0.7	0.7	0.7	0.7	0.9	1.4	1.7	2.8	3.4	0.7	0.7	0.7	0.7	0.7	0.9
					8 / 10	0.5	0.5	0.5	0.5	0.8	1.1	1.4	2.4	2.8	0.5	0.5	0.5	0.5	0.5	0.8
					13		0.4	0.4	0.4	0.9	1.2	1.4	2	2.3		0.4	0.4	0.4	0.9	
					16			0.4	0.4	0.9	1.2	1.4	2	2.3			0.4	0.4	0.9	
					20				0.4	0.6	0.8	1	1.7	2.1				0.4	0.6	
					25					0.6	0.8	0.9	1.6	1.9					0.6	
					32						0.8	0.9	1.6	1.9						
					40						0.8	1	1.7	2						

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1									
					Application	LineProtection									
					FrameSize	160A					250A	400A	630A	1000A	
					Tripunittype	TM210 / TM220 / TM240					TM240				
					Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70	36 / 55 / 70 / 110		55 / 70 / 110	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	125	160	160 / 200 / 250	320 / 400	500 / 630	630 / 800 / 1000
5SL30(1+N)	LineProtection	C	4.5	4.5	2	2.9	T	T	T	T	T	T	T	T	T
					4	1.9	2.3	4.4	T	T	T	T	T	T	T
					6	1.4	1.7	2.8	3.4	T	T	T	T	T	T
					8 / 10	1.1	1.4	2.4	2.8	T	T	T	T	T	T
					13	1.2	1.4	2	2.3	3.9	T	T	T	T	T
					16	1.2	1.4	2	2.3	3.9	T	T	T	T	T
					20	0.8	1	1.7	2.1	3.8	T	T	T	T	T
					25	0.8	0.9	1.6	1.9	3.4	4.1	T	T	T	T
					32	0.8	0.9	1.6	1.9	3.4	4.1	T	T	T	T
					40		1	1.7	2	T	T	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1													
					Application	LineProtection													
					FrameSize	100A								160A					
					Tripunittype	TM210								TM210 / TM220 / TM240					
					Icu[kA]	16 / 25 / 36								25 / 36 / 55 / 70					
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40
5SL4	LineProtection	B	10	10	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T
					2	5.5	5.5	5.5	5.5	T	T	T	T	T	5.5	5.5	5.5	5.5	T
					3	1.1	1.1	1.1	1.1	2.3	4.5	T	T	T	1.1	1.1	1.1	1.1	2.3
					4	0.8	0.8	0.8	0.8	1.1	1.7	2.2	5	6.5	0.8	0.8	0.8	0.8	1.1
					6	0.7	0.7	0.7	0.7	0.9	1.4	1.7	3.2	4.2	0.7	0.7	0.7	0.7	0.9
					8	0.7	0.7	0.7	0.7	0.9	1.2	1.5	2.7	3.3	0.7	0.7	0.7	0.7	0.9
					10	0.6	0.6	0.6	0.6	0.8	1.1	1.4	2.3	2.7	0.6	0.6	0.6	0.6	0.8
					13		0.5	0.5	0.5	0.7	1	1.3	2.1	2.5		0.5	0.5	0.5	0.7
					16			0.5	0.5	0.7	0.9	1.1	1.9	2.2			0.5	0.5	0.7
					20				0.4	0.6	0.8	1	1.6	2				0.4	0.6
					25					0.6	0.8	1	1.6	2					0.6
					32						0.7	0.9	1.4	1.7					
					40							0.8	1.4	1.7					
					50								1.2	1.5					
					63									1.4					
	0.3 / 0.5 / 1	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	1.6	1.7	1.7	1.7	1.7	3.6	T	T	T	T	1.7	1.7	1.7	1.7	3.6				
	2	0.9	0.9	0.9	0.9	1.5	2.3	3.3	8.6	T	0.9	0.9	0.9	0.9	1.5				
	3	0.8	0.8	0.8	0.8	1.1	1.5	2	4.5	6	0.8	0.8	0.8	0.8	1.1				
	4	0.7	0.7	0.7	0.7	0.9	1.4	1.8	3.4	4.2	0.7	0.7	0.7	0.7	0.9				
	6	0.6	0.6	0.6	0.6	0.8	1.1	1.4	2.4	2.9	0.6	0.6	0.6	0.6	0.8				
	8 / 10	0.4	0.4	0.4	0.4	0.6	0.8	1	1.6	2	0.4	0.4	0.4	0.4	0.6				
	13		0.4	0.4	0.4	0.6	0.8	1	1.6	2		0.4	0.4	0.4	0.6				
	16			0.4	0.4	0.6	0.8	1	1.6	2			0.4	0.4	0.6				
	20 / 25					0.5	0.7	0.9	1.4	1.7					0.5				
	32						0.7	0.8	1.2	1.5									
	40							0.8	1.2	1.5									
	50								1.1	1.4									
	63									1.4									
	0.3 / 0.5	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	1	2.5	2.5	2.5	2.5	T	T	T	T	T	2.5	2.5	2.5	2.5	T				
	1.6	1.1	1.1	1.1	1.1	1.7	2.6	3.8	T	T	1.1	1.1	1.1	1.1	1.7				



Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1										
					Application	LineProtection										
					FrameSize	160A					250A	400A	630A	1000A		
					Tripunittype	TM210 / TM220 / TM240					TM240					
					Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70	36 / 55 / 70 / 110		55 / 70 / 110		
					Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	125	160
5SL4	LineProtection	B	10	10	1	T	T	T	T	T	T	T	T	T	T	
					2	T	T	T	T	T	T	T	T	T	T	T
					3	4.5	T	T	T	T	T	T	T	T	T	T
					4	1.7	2.2	5	6.5	T	T	T	T	T	T	T
					6	1.4	1.7	3.2	4.2	T	T	T	T	T	T	T
					8	1.2	1.5	2.7	3.3	8.9	T	T	T	T	T	T
					10	1.1	1.4	2.3	2.7	6.6	9.3	T	T	T	T	T
					13	1	1.3	2.1	2.5	5.2	6.8	T	T	T	T	T
					16	0.9	1.1	1.9	2.2	4.2	5.4	T	T	T	T	T
					20	0.8	1	1.6	2	4	5.2	T	T	T	T	T
					25	0.8	1	1.6	2	3.6	4.6	T	T	T	T	T
					32	0.7	0.9	1.4	1.7	3.1	3.9	T	T	T	T	T
					40		0.8	1.4	1.7	3.2	4	T	T	T	T	T
					50			1.2	1.5	2.6	3.1	T	T	T	T	T
					63				1.4	2.5	3	T	T	T	T	T
	0.3 / 0.5 / 1	T	T	T	T	T	T	T	T	T	T	T				
	1.6	T	T	T	T	T	T	T	T	T	T	T				
	2	2.3	3.3	8.6	T	T	T	T	T	T	T	T				
	3	1.5	2	4.5	6	T	T	T	T	T	T	T				
	4	1.4	1.8	3.4	4.2	T	T	T	T	T	T	T				
	6	1.1	1.4	2.4	2.9	7.2	T	T	T	T	T	T				
	8 / 10	0.8	1	1.6	2	4.7	6.1	T	T	T	T	T				
	13	0.8	1	1.6	2	3.6	4.5	T	T	T	T	T				
	16	0.8	1	1.6	2	3.6	4.5	T	T	T	T	T				
	20 / 25	0.7	0.9	1.4	1.7	3.1	4	T	T	T	T	T				
	32	0.7	0.8	1.2	1.5	2.9	3.5	T	T	T	T	T				
	40		0.8	1.2	1.5	2.8	3.6	T	T	T	T	T				
	50			1.1	1.4	2.8	3.3	T	T	T	T	T				
	63				1.4	2.8	3.3	T	T	T	T	T				
	0.3 / 0.5	T	T	T	T	T	T	T	T	T	T	T				
	1	T	T	T	T	T	T	T	T	T	T	T				
	1.6	2.6	3.8	T	T	T	T	T	T	T	T	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1													
					Application	LineProtection													
					FrameSize	100A						160A							
					Tripunittype	TM210						TM210 / TM220 / TM240							
					Icu[kA]	16 / 25 / 36						25 / 36 / 55 / 70							
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40
5SL4	LineProtection	D	10	10	2	0.8	0.8	0.8	0.8	1.3	1.9	2.6	6.3	7.6	0.8	0.8	0.8	0.8	1.3
					3	0.7	0.7	0.7	0.7	1	1.4	1.8	3.3	4.4	0.7	0.7	0.7	0.7	1
					4	0.6	0.6	0.6	0.6	0.8	1.1	1.5	2.7	3.3	0.6	0.6	0.6	0.6	0.8
					6	0.5	0.5	0.5	0.5	0.7	1	1.2	2.2	2.7	0.5	0.5	0.5	0.5	0.7
					8 / 10					0.5	0.7	0.8	1.3	1.7					0.5
					13 / 16					0.5	0.7	0.8	1.3	1.7					0.5
					20 / 25					0.5	0.6	0.8	1.2	1.5					0.5
					32						0.6	0.8	1.3	1.6					
					40								1.1	1.4					
					50 / 63														

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1									
					Application	LineProtection									
					FrameSize	160A					250A	400A	630A	1000A	
					Tripunittype	TM210 / TM220 / TM240					TM240				
					Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70	36 / 55 / 70 / 110		55 / 70 / 110	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	125	160	160 / 200 / 250	320 / 400	500 / 630	630 / 800 / 1000
5SL4	LineProtection	D	10	10	2	1.9	2.6	6.3	7.6	T	T	T	T	T	T
					3	1.4	1.8	3.3	4.4	T	T	T	T	T	T
					4	1.1	1.5	2.7	3.3	7.8	T	T	T	T	T
					6	1	1.2	2.2	2.7	6.2	8.6	T	T	T	T
					8 / 10	0.7	0.8	1.3	1.7	3.3	4.6	T	T	T	T
					13 / 16	0.7	0.8	1.3	1.7	3.2	3.9	T	T	T	T
					20 / 25	0.6	0.8	1.2	1.5	2.9	3.7	T	T	T	T
					32	0.6	0.8	1.3	1.6	3	3.8	T	T	T	T
					40			1.1	1.4	2.7	3.2	T	T	T	T
					50 / 63					2.2	2.7	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1																
					Application	LineProtection																
					FrameSize	100A					160A											
					Tripunittype	TM210					TM210 / TM220 / TM240											
					Icu[kA]	16 / 25 / 36					25 / 36 / 55 / 70											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40			
5SL6	LineProtection	B	6	6	2	2.2	2.2	2.2	2.2	T	T	T	T	T	2.2	2.2	2.2	2.2	T			
					4	0.6	0.6	0.6	0.6	0.8	1.1	1.4	3.3	4.2	0.6	0.6	0.6	0.6	0.6	0.8		
					6	0.5	0.5	0.5	0.5	0.7	0.9	1.1	1.8	2.2	0.5	0.5	0.5	0.5	0.5	0.7		
					16			0.4	0.4	0.5	0.7	0.9	1.3	1.6			0.4	0.4	0.5			
					32					0.7	0.9	1.3	1.5									
					63							1.4										
		C			B / C	6	6	10	0.4	0.4	0.4	0.4	0.6	0.9	1	1.6	2	0.4	0.4	0.4	0.4	0.6
								13		0.4	0.4	0.4	0.6	0.8	1	1.5	2		0.4	0.4	0.4	0.6
								20				0.4	0.5	0.7	0.9	1.3	1.6				0.4	0.5
								25				0.5	0.7	0.9	1.3	1.6					0.5	
								40						0.9	1.3	1.6						
								50							1.2	1.4						
	C		C	0.3 / 0.5	T			T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
				1	2.1			2.1	2.1	2.1	5.2	T	T	T	T	2.1	2.1	2.1	2.1	5.2		
				1.6	1.7			1.7	1.7	1.7	3.6	T	T	T	T	1.7	1.7	1.7	1.7	3.6		
				2	0.7			0.7	0.7	0.7	1	1.5	2.1	5	T	0.7	0.7	0.7	0.7	1		
				3	0.7			0.7	0.7	0.7	0.9	1.2	1.5	2.6	3.5	0.7	0.7	0.7	0.7	0.9		
				4	0.7			0.7	0.7	0.7	0.9	1.2	1.4	2.5	3.5	0.7	0.7	0.7	0.7	0.9		
	6	0.7	0.7	0.7	0.7	0.9	1.2	1.4	2.5	2.9	0.7	0.7	0.7	0.7	0.9							
	8	0.5	0.5	0.5	0.5	0.7	0.9	1.1	1.7	2.1	0.5	0.5	0.5	0.5	0.7							
	16			0.4	0.4	0.5	0.7	0.9	1.3	1.6				0.4	0.5							
	32					0.7	0.9	1.3	1.5													
	63								1.3													

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1									
					Application	LineProtection									
					FrameSize	160A					250A	400A	630A	1000A	
					Tripunittype	TM210 / TM220 / TM240					TM240				
					Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70	36 / 55 / 70 / 110		55 / 70 / 110	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	125	160	160 / 200 / 250	320 / 400	500 / 630	630 / 800 / 1000
5SL6	LineProtection	B	6	6	2	T	T	T	T	T	T	T	T	T	T
					4	1.1	1.4	3.3	4.2	T	T	T	T	T	T
					6	0.9	1.1	1.8	2.2	4.5	T	T	T	T	T
					16	0.7	0.9	1.3	1.6	3	3.7	T	T	T	T
					32	0.7	0.9	1.3	1.5	2.5	3	T	T	T	T
					63				1.3	2.4	2.9	T	T	T	T
		B / C			10	0.9	1	1.6	2	3.7	4.7	T	T	T	T
					13	0.8	1	1.5	2	3.6	4.7	T	T	T	T
					20	0.7	0.9	1.3	1.6	3	3.6	T	T	T	T
					25	0.7	0.9	1.3	1.6	2.9	3.5	T	T	T	T
	C	40				0.9	1.3	1.6	2.9	3.4	T	T	T	T	
		50					1.2	1.4	2.5	3	T	T	T	T	
		0.3 / 0.5			T	T	T	T	T	T	T	T	T	T	
		1			T	T	T	T	T	T	T	T	T	T	
		1.6			T	T	T	T	T	T	T	T	T	T	
		2			1.5	2.1	5	T	T	T	T	T	T	T	
		3			1.2	1.5	2.6	3.5	T	T	T	T	T	T	
		4			1.2	1.4	2.5	3.5	T	T	T	T	T	T	
		6			1.2	1.4	2.5	2.9	T	T	T	T	T	T	
		8			0.9	1.1	1.7	2.1	4	5	T	T	T	T	
16		0.7	0.9	1.3	1.6	3	3.7	T	T	T	T				
32		0.7	0.9	1.3	1.5	2.9	3.5	T	T	T	T				
63					1.3	2.4	2.9	T	T	T	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1													
					Application	LineProtection													
					FrameSize	100A									160A				
					Tripunittype	TM210									TM210 / TM220 / TM240				
					Icu[kA]	16 / 25 / 36									25 / 36 / 55 / 70				
Productline	Suffix	Application	Characteristic	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40
5SL60(1+N)	MCMF	LineProtection	B	6	2	2	2	2	2	4.5	T	T	T	T	2	2	2	2	4.5
					4	0.9	0.9	0.9	0.9	1.4	2	2.5	5.2	T	0.9	0.9	0.9	0.9	1.4
					6	0.7	0.7	0.7	0.7	1	1.5	1.9	3.3	4.2	0.7	0.7	0.7	0.7	1
					10	0.6	0.6	0.6	0.6	0.8	1.2	1.5	2.5	2.9	0.6	0.6	0.6	0.6	0.8
					13		0.6	0.6	0.6	0.8	1	1.3	2.3	2.7		0.6	0.6	0.6	0.8
					16			0.5	0.5	0.7	1	1.3	2.2	2.5			0.5	0.5	0.7
					20				0.5	0.7	0.9	1.2	2	2.3				0.5	0.7
					25					0.7	0.9	1.1	1.8	2.2					0.7
			32							0.8	1	1.7	2						
			2		1.3	1.3	1.3	1.3	1.9	2.6	3.2	T	T	1.3	1.3	1.3	1.3	1.9	
			4		0.8	0.8	0.8	0.8	1.2	1.7	2.2	3.8	5	0.8	0.8	0.8	0.8	1.2	
			6		0.6	0.6	0.6	0.6	0.8	1.2	1.5	2.7	3.2	0.6	0.6	0.6	0.6	0.8	
			8 / 10		0.6	0.6	0.6	0.6	0.8	1	1.3	2.2	2.6	0.6	0.6	0.6	0.6	0.8	
			13			0.5	0.5	0.5	0.7	0.9	1.2	2	2.4		0.5	0.5	0.5	0.7	
			16				0.4	0.4	0.6	0.8	1	1.8	2.2			0.4	0.4	0.6	
			20					0.4	0.6	0.8	1	1.8	2.1				0.4	0.6	
	25					0.6	0.8	1	1.8	2.1					0.6				
	32						0.8	1	1.7	2									
	6	0.8	0.8	0.8	0.8	1.1	1.7	2.2	4	4.8	0.8	0.8	0.8	0.8	1.1				
	10	0.7	0.7	0.7	0.7	1	1.5	1.8	3	3.6	0.7	0.7	0.7	0.7	1				
	13		0.5	0.5	0.5	0.8	1.1	1.4	2.3	2.7		0.5	0.5	0.5	0.8				
	16			0.5	0.5	0.8	1.1	1.4	2.3	2.7			0.5	0.5	0.8				
	20				0.4	0.6	0.8	1	1.7	2				0.4	0.6				
	25					0.6	0.8	1	1.7	2					0.6				
	32						0.8	1.1	2	2.4									
	40							1	1.8	2.1									
	2	1.2	1.2	1.2	1.2	2	2.9	4.7	T	T	1.2	1.2	1.2	1.2	2				
	4	0.9	0.9	0.9	0.9	1.4	1.9	2.3	4.4	5.8	0.9	0.9	0.9	0.9	1.4				
	6	0.7	0.7	0.7	0.7	0.9	1.4	1.7	2.8	3.4	0.7	0.7	0.7	0.7	0.9				
	8 / 10	0.5	0.5	0.5	0.5	0.8	1.1	1.4	2.4	2.8	0.5	0.5	0.5	0.5	0.8				
	13		0.4	0.4	0.4	0.9	1.2	1.4	2	2.3		0.4	0.4	0.4	0.9				
	16			0.4	0.4	0.9	1.2	1.4	2	2.3			0.4	0.4	0.9				
20				0.4	0.6	0.8	1	1.7	2.1				0.4	0.6					

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1												
					Application	LineProtection												
					FrameSize	160A					250A	400A	630A	1000A				
					Tripunittype	TM210 / TM220 / TM240					TM240	TM220 / TM240		TM240				
					Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70	36 / 55 / 70 / 110		55 / 70 / 110				
Productline	Suffix	Application	Characteristic	Icn[kA]	In[A]	50	63	80	100	125	160	160 / 200 / 250	320 / 400	500 / 630	630 / 800 / 1000			
5SL60(1+N)	MCMF	LineProtection	B	6	2	T	T	T	T	T	T	T	T	T	T			
					4	2	2.5	5.2	T	T	T	T	T	T	T	T		
					6	1.5	1.9	3.3	4.2	T	T	T	T	T	T	T		
					10	1.2	1.5	2.5	2.9	T	T	T	T	T	T	T		
					13	1	1.3	2.3	2.7	5.7	T	T	T	T	T	T		
					16	1	1.3	2.2	2.5	4.9	T	T	T	T	T	T		
					20	0.9	1.2	2	2.3	4.4	5.4	T	T	T	T	T		
					25	0.9	1.1	1.8	2.2	4.2	4.9	T	T	T	T	T		
					32	0.8	1	1.7	2	3.6	4.5	T	T	T	T	T		
			C		2	2.6	3.2	T	T	T	T	T	T	T	T	T	T	T
					4	1.7	2.2	3.8	5	T	T	T	T	T	T	T	T	T
					6	1.2	1.5	2.7	3.2	T	T	T	T	T	T	T	T	T
					8 / 10	1	1.3	2.2	2.6	5.7	T	T	T	T	T	T	T	T
					13	0.9	1.2	2	2.4	4.8	5.8	T	T	T	T	T	T	T
					16	0.8	1	1.8	2.2	4.1	4.9	T	T	T	T	T	T	T
					20	0.8	1	1.8	2.1	3.7	4.5	T	T	T	T	T	T	T
					25	0.8	1	1.7	2.1	3.6	4.4	T	T	T	T	T	T	T
					32	0.8	1	1.7	2	3.6	4.4	T	T	T	T	T	T	T
	B	6	1.7	2.2	4	4.8	T	T	T	T	T	T	T	T	T			
		10	1.5	1.8	3	3.6	T	T	T	T	T	T	T	T	T			
		13	1.1	1.4	2.3	2.7	5.5	T	T	T	T	T	T	T	T			
		16	1.1	1.4	2.3	2.7	5.5	T	T	T	T	T	T	T	T			
		20	0.8	1	1.7	2	3.5	4.2	T	T	T	T	T	T	T			
		25	0.8	1	1.7	2	3.5	4.2	T	T	T	T	T	T	T			
		32	0.8	1.1	2	2.4	4.9	T	T	T	T	T	T	T	T			
		40		1	1.8	2.1	4.5	5.4	T	T	T	T	T	T	T			
		C	2	2.9	4.7	T	T	T	T	T	T	T	T	T	T	T		
	4		1.9	2.3	4.4	5.8	T	T	T	T	T	T	T	T	T			
	6		1.4	1.7	2.8	3.4	T	T	T	T	T	T	T	T	T			
	8 / 10		1.1	1.4	2.4	2.8	5.9	T	T	T	T	T	T	T	T			
	13		1.2	1.4	2	2.3	3.9	4.9	T	T	T	T	T	T	T			
	16		1.2	1.4	2	2.3	3.9	4.9	T	T	T	T	T	T	T			
	20	0.8	1	1.7	2.1	3.8	4.6	T	T	T	T	T	T	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1														
					Application	LineProtection														
					FrameSize	100A							160A							
					Tripunittype	TM210							TM210 / TM220 / TM240							
					Icu[kA]	16 / 25 / 36							25 / 36 / 55 / 70							
Productline	Suffix	Application	Characteristic	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40	
5SL60(1+N)	-	LineProtection	C	6	25					0.6	0.8	0.9	1.6	1.9					0.6	
					32					0.8	1.1	2	2.3							
					40						1	1.7	2							



Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1									
					Application	LineProtection									
					FrameSize	160A					250A	400A	630A	1000A	
					Tripunittype	TM210 / TM220 / TM240					TM240	TM220 / TM240		TM240	
					Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70	36 / 55 / 70 / 110		55 / 70 / 110	
Productline	Suffix	Application	Characteristic	Icn[kA]	In[A]	50	63	80	100	125	160	160 / 200 / 250	320 / 400	500 / 630	630 / 800 / 1000
5SL60(1+N)	-	LineProtection	C	6	25	0.8	0.9	1.6	1.9	3.4	4.1	T	T	T	T
					32	0.8	1.1	2	2.3	5.3	T	T	T	T	T
					40		1	1.7	2	4.5	5.4	T	T	T	T

3VA1 - 5SP

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1			
					Application	LineProtection			
					FrameSize	160A		250A	
					Tripunitytype	TM210 / TM220 / TM240		TM240	
					Icu[kA]	25 / 36 / 55 / 70		36 / 55 / 70	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	160	160	200	250
5SP4	LineProtection	B / C	10	10	80	1.8	5.7	6.4	7.1
					100	1.7	4.5	5.3	6.2
					125			5.3	6.2
		80				4.4	5.3	6.3	
		100				3.8	5	6.2	
		D							

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

### 3VA1 - 5SY

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1																
					Application	LineProtection																
					FrameSize	100A																
					Tripunittype	TM210																
					Icu[kA]	16						25 / 36										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40			
5SY4	LineProtection	A	15	10	40								1.1	1.8	2.1							
					50									1.6	1.9							
					63											1.7						
			20		8	0.8	0.8	0.8	0.8	1.2	1.7	2	3.1	4.1	0.8	0.8	0.8	0.8	0.8	1.2		
					10	0.7	0.7	0.7	0.7	0.9	1.4	1.7	2.7	3.2	0.7	0.7	0.7	0.7	0.9			
					13		0.6	0.6	0.6	0.9	1.2	1.5	2.4	2.8		0.6	0.6	0.6	0.9			
					16			0.6	0.6	0.9	1.2	1.5	2.3	2.7			0.6	0.6	0.9			
					20				0.6	0.8	1.1	1.3	2	2.4				0.6	0.8			
					25					0.8	1.1	1.3	2.1	2.4					0.8			
			35		32						0.9	1.1	1.8	2.1								
					0.5	T	T	T	T	T	T	T	T	T	16	16	16	16	16			
					1 / 1.6 / 2	T	T	T	T	T	T	T	T	T	16	16	16	16	16			
					3	1.4	1.4	1.4	1.4	2.3	3.8	5.9	T	T	1.4	1.4	1.4	1.4	2.3			
					4	1	1	1	1	1.7	2.5	3.3	8.6	T	1	1	1	1	1.7			
					6	0.8	0.8	0.8	0.8	1.2	1.8	2.3	4	5.3	0.8	0.8	0.8	0.8	1.2			
			B		15	40								1	1.5	1.8						
						50									1.4	1.7						
						63										1.6						
		20		8	0.6	0.6	0.6	0.6	0.9	1.2	1.5	2.3	2.6	0.6	0.6	0.6	0.6	0.9				
				10	0.6	0.6	0.6	0.6	0.9	1.2	1.5	2.3	2.6	0.6	0.6	0.6	0.6	0.9				
				13		0.6	0.6	0.6	0.8	1.1	1.3	2.1	2.5		0.6	0.6	0.6	0.8				
				16			0.5	0.5	0.8	1	1.3	2	2.3			0.5	0.5	0.8				
				20				0.5	0.7	1	1.2	1.8	2.2				0.5	0.7				
				25					0.6	0.9	1.1	1.7	2					0.6				
		35		32						0.9	1	1.6	1.9									
				1 / 1.6	1.2	1.2	1.2	1.2	1.8	2.7	3.4	6.9	11	1.2	1.2	1.2	1.2	1.8				
				2	0.8	0.8	0.8	0.8	1	1.5	1.9	3.1	4.2	0.8	0.8	0.8	0.8	1				
				3	0.8	0.8	0.8	0.8	1	1.5	1.9	3.1	4.2	0.8	0.8	0.8	0.8	1				
				4 / 6	0.8	0.8	0.8	0.8	1	1.5	1.9	3.1	4.2	0.8	0.8	0.8	0.8	1				
				40							0.9	1.4	1.7									
		C		15	45 / 50								1.3	1.6								
					60 / 63									1.4								

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1																	
					Application	LineProtection																	
					FrameSize	100A				160A													
					Tripunittype	TM210				TM210 / TM220 / TM240													
					Icu[kA]	25 / 36				25 / 36 / 55 / 70													
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	16	20	25	32	40	50	63	80	100	125				
5SY4	LineProtection	A	15	10	40		1.1	1.8	2.1							1.1	1.8	2.1	3.6				
					50			1.6	1.9										1.6	1.9	3.1		
					63				1.7												1.7	2.9	
			20		8	1.7	2	3.1	4.1	0.8	0.8	0.8	0.8	1.2	1.7	2	3.1	4.1	14				
					10	1.4	1.7	2.7	3.2	0.7	0.7	0.7	0.7	0.9	1.4	1.7	2.7	3.2	6.9				
					13	1.2	1.5	2.4	2.8		0.6	0.6	0.6	0.9	1.2	1.5	2.4	2.8	5.6				
					16	1.2	1.5	2.3	2.7				0.6	0.6	0.9	1.2	1.5	2.3	2.7	5.2			
					20	1.1	1.3	2	2.4					0.6	0.8	1.1	1.3	2	2.4	4.5			
					25	1.1	1.3	2.1	2.4						0.8	1.1	1.3	2.1	2.4	4.5			
			35		32	0.9	1.1	1.8	2.1									0.9	1.1	1.7	2	3.5	
					0.5	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	T
					1 / 1.6 / 2	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	T
					3	3.8	5.9	16	16	1.4	1.4	1.4	1.4	2.3	3.8	5.9	16	16	16	16	16	16	T
					4	2.5	3.3	8.6	16	1	1	1	1	1.7	2.5	3.3	8.6	16	16	16	16	16	16
					6	1.8	2.3	4	5.3	0.8	0.8	0.8	0.8	1.2	1.8	2.3	4	5.3	16	16	16	16	16
			B		15	10	15	40		1	1.5	1.8							1	1.5	1.8	3.1	
								50			1.4	1.7									1.4	1.7	2.8
								63				1.6											1.6
		20		8	1.2		1.5	2.3	2.6	0.6	0.6	0.6	0.6	0.9	1.2	1.5	2.3	2.6	5.3				
				10	1.2		1.5	2.3	2.6	0.6	0.6	0.6	0.6	0.9	1.2	1.5	2.3	2.6	5.3				
				13	1.1		1.3	2.1	2.5		0.6	0.6	0.6	0.8	1.1	1.3	2.1	2.5	4.5				
				16	1		1.3	2	2.3				0.5	0.5	0.8	1	1.3	2	2.3	4.3			
				20	1		1.2	1.8	2.2					0.5	0.7	1	1.2	1.8	2.2	3.8			
				25	0.9		1.1	1.7	2						0.6	0.9	1.1	1.7	2	3.5			
		35		32	0.9		1	1.6	1.9									0.9	1	1.6	1.9	3.4	
				1 / 1.6	2.7		3.4	6.9	11	1.2	1.2	1.2	1.2	1.8	2.7	3.4	6.9	11	T				
				2	1.5		1.9	3.1	4.2	0.8	0.8	0.8	0.8	1	1.5	1.9	3.1	4.2	T				
			3	1.5	1.9	3.1	4.2	0.8	0.8	0.8	0.8	1	1.5	1.9	3.1	4.2	T						
			4 / 6	1.5	1.9	3.1	4.2	0.8	0.8	0.8	0.8	1	1.5	1.9	3.1	4.2	10						
			40		0.9	1.4	1.7									0.9	1.4	1.7	3.1				
		C	15	10	45 / 50				1.3	1.6									1.3	1.6	2.9		
					60 / 63					1.4										1.4	2.7		

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1								
					Application	LineProtection								
					FrameSize	160A TM210 /	250A		400A		630A		1000A	
					Tripunittype	TM220 /	TM240		TM220	TM240	TM220	TM240		
					Icu[kA]	25 / 36 / 55 / 70	36 / 55 / 70		36 / 55 / 70 / 110	36 / 55 / 70 / 110	36 / 55 / 70 / 110	36 / 55 / 70 / 110	55 / 70 / 110	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	160	160	200	250	320 / 400	500 / 630	630 / 800 / 1000		
5SY4	LineProtection	A	15	10	40	4.3	T	T	T		T		T	T
					50	3.8	T	T	T		T		T	T
					63	3.6	12	T	T		T		T	T
					8	16	T	T	T		T		T	T
					10	9.4	T	T	T		T		T	T
					13	7	T	T	T		T		T	T
			16		6.3	T	T	T		T		T	T	
			20		5.5	T	T	T		T		T	T	
			25		5.6	T	T	T		T		T	T	
			32		4.3	T	T	T		T		T	T	
			0.5		T	T	T	T	T	T	T	T	T	T
			1 / 1.6 / 2		T	T	T	T		T		T	T	
			3		T	T	T	T		T		T	T	
			4		16	T	T	T		T		T	T	
			6		16	T	T	T		T		T	T	
			40		3.9	T	T	T		T		T	T	
			50		3.4	T	T	T		T		T	T	
			63		3.3	12	T	T		T		T	T	
		8	6.7	T	T	T	T	T	T	T	T			
		10	6.7	T	T	T		T		T	T			
		13	5.5	T	T	T		T		T	T			
		16	5.4	T	T	T		T		T	T			
		20	4.8	T	T	T		T		T	T			
		25	4.4	T	T	T		T		T	T			
		32	4.1	T	T	T		T		T	T			
		1 / 1.6	T	T	T	T	T	T	T	T	T			
		2	T	T	T	T		T		T	T			
		3	T	T	T	T	T	T	T	T	T			
		4 / 6	16	T	T	T		T		T	T			
		40	3.7	T	T	T		T		T	T			
		45 / 50	3.5	T	T	T		T		T	T			
		60 / 63	3.3	12	14	T		T		T	T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1													
					Application	LineProtection													
					FrameSize	100A													
					Tripunittype	TM210													
					Icu[kA]	16					25 / 36								
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40
5SY4	LineProtection	C	20	10	8 / 10	0.6	0.6	0.6	0.6	0.8	1	1.2	2.1	2.6	0.6	0.6	0.6	0.6	0.8
					13		0.5	0.5	0.5	0.7	0.9	1.1	1.8	2.3		0.5	0.5	0.5	0.7
					15 / 16			0.5	0.5	0.7	0.9	1.1	1.8	2.3			0.5	0.5	0.7
					20				0.4	0.6	0.8	0.9	1.5	1.9				0.4	0.6
					25					0.6	0.8	0.9	1.5	1.9					0.6
					30 / 32						0.8	0.9	1.5	1.9					
		0.3 / 0.5 / 1 / 1.6 / 2	1.2		1.2	1.2	1.2	1.8	2.7	3.4	6.9	11	1.2	1.2	1.2	1.2	1.8		
		2.5 / 3	0.9		0.9	0.9	0.9	1.3	1.9	2.4	4.4	6.3	0.9	0.9	0.9	0.9	1.3		
		3.5 / 4 / 5 / 6	0.7		0.7	0.7	0.7	0.9	1.2	1.5	2.6	3.1	0.7	0.7	0.7	0.7	0.9		
		40									1.1	1.4							
		50										1.2							
		63											1.1						
	8	0.5	0.5	0.5	0.5	0.7	0.9	1.2	1.9	2.3	0.5	0.5	0.5	0.5	0.7				
	10	0.5	0.5	0.5	0.5	0.7	0.9	1.1	1.8	2.2	0.5	0.5	0.5	0.5	0.7				
	13		0.4	0.4	0.4	0.6	0.9	1.1	1.8	2.2		0.4	0.4	0.4	0.6				
	16					0.6	0.8	1	1.7	2.1					0.6				
	20					0.5	0.7	1	1.6	1.9					0.5				
	25					0.5	0.7	0.9	1.5	1.8					0.5				
	32								1.2	1.5									
	0.3 / 0.5 / 1 / 1.6 / 2	1	1	1	1	1.5	2.2	2.7	5.1	6.9	1	1	1	1	1.5				
	3	0.8	0.8	0.8	0.8	1.2	1.7	2.1	3.4	4.6	0.8	0.8	0.8	0.8	1.2				
	4	0.7	0.7	0.7	0.7	1	1.4	1.7	2.7	3.2	0.7	0.7	0.7	0.7	1				
	6	0.6	0.6	0.6	0.6	0.8	1.2	1.5	2.3	2.7	0.6	0.6	0.6	0.6	0.8				
	D	20	35	8	0.5	0.5	0.5	0.5	0.7	0.9	1.2	1.9	2.3	0.5	0.5	0.5	0.5	0.7	
10				0.5	0.5	0.5	0.5	0.7	0.9	1.1	1.8	2.2	0.5	0.5	0.5	0.5	0.7		
13					0.4	0.4	0.4	0.6	0.9	1.1	1.8	2.2		0.4	0.4	0.4	0.6		
16								0.6	0.8	1	1.7	2.1					0.6		
20								0.5	0.7	1	1.6	1.9					0.5		
25								0.5	0.7	0.9	1.5	1.8					0.5		

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1													
					Application	LineProtection													
					FrameSize	100A				160A									
					Tripunittype	TM210				TM210 / TM220 / TM240									
					Icu[kA]	25 / 36				25 / 36 / 55 / 70									
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	16	20	25	32	40	50	63	80	100	125
5SY4	LineProtection	C	20	10	8 / 10	1	1.2	2.1	2.6	0.6	0.6	0.6	0.6	0.8	1	1.2	2.1	2.6	5.3
					13	0.9	1.1	1.8	2.3		0.5	0.5	0.5	0.7	0.9	1.1	1.8	2.3	4.3
					15 / 16	0.9	1.1	1.8	2.3			0.5	0.5	0.7	0.9	1.1	1.8	2.3	4.3
					20	0.8	0.9	1.5	1.9				0.4	0.6	0.8	0.9	1.5	1.9	3.5
					25	0.8	0.9	1.5	1.9					0.6	0.8	0.9	1.5	1.9	3.5
					30 / 32	0.8	0.9	1.5	1.9						0.8	0.9	1.5	1.9	3.4
		D	15		0.3 / 0.5 / 1 / 1.6 / 2	2.7	3.4	6.9	11	1.2	1.2	1.2	1.2	1.8	2.7	3.4	6.9	11	T
					2.5 / 3	1.9	2.4	4.4	6.3	0.9	0.9	0.9	0.9	1.3	1.9	2.4	4.4	6.3	T
					3.5 / 4 / 5 / 6	1.2	1.5	2.6	3.1	0.7	0.7	0.7	0.7	0.9	1.2	1.5	2.6	3.1	10
					40			1.1	1.4								1.1	1.4	2.4
					50				1.2									1.2	2.1
					63				1.1									1.1	1.9
	20	15	8	0.9	1.2	1.9	2.3	0.5	0.5	0.5	0.5	0.7	0.9	1.2	1.9	2.3	4.4		
			10	0.9	1.1	1.8	2.2	0.5	0.5	0.5	0.5	0.7	0.9	1.1	1.8	2.2	4		
			13	0.9	1.1	1.8	2.2		0.4	0.4	0.4	0.6	0.9	1.1	1.8	2.2	4.1		
			16	0.8	1	1.7	2.1					0.6	0.8	1	1.7	2.1	3.7		
			20	0.7	1	1.6	1.9					0.5	0.7	1	1.6	1.9	3.1		
			25	0.7	0.9	1.5	1.8					0.5	0.7	0.9	1.5	1.8	3		
		35	32			1.2	1.5									1.2	1.5	2.5	
			0.3 / 0.5 / 1 / 1.6 / 2	2.2	2.7	5.1	6.9	1	1	1	1	1.5	2.2	2.7	5.1	6.9	16		
			3	1.7	2.1	3.4	4.6	0.8	0.8	0.8	0.8	1.2	1.7	2.1	3.4	4.6	16		
			4	1.4	1.7	2.7	3.2	0.7	0.7	0.7	0.7	1	1.4	1.7	2.7	3.2	7.1		
			6	1.2	1.5	2.3	2.7	0.6	0.6	0.6	0.6	0.8	1.2	1.5	2.3	2.7	5.6		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1								
					Application	LineProtection								
					FrameSize	160A TM210 /	250A			400A		630A		1000A
					Tripunittype	TM220 /	TM240			TM220	TM240	TM220	TM240	
					Icu[kA]	25 / 36 / 55 / 70	36 / 55 / 70			36 / 55 / 70 / 110	36 / 55 / 70 / 110	36 / 55 / 70 / 110	36 / 55 / 70 / 110	55 / 70 / 110
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	160	160	200	250	320 / 400		500 / 630		630 / 800 / 1000
5SY4	LineProtection	C	20	10	8 / 10	6.5	T	T	T		T		T	T
					13	5.4	T	T	T		T		T	T
					15 / 16	5.4	T	T	T		T		T	T
					20	4.4	T	T	T		T		T	T
					25	4.4	T	T	T		T		T	T
					30 / 32	4.1	T	T	T		T		T	T
			35		0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T		T		T	T
					2.5 / 3	T	T	T	T		T		T	T
					3.5 / 4 / 5 / 6	14	T	T	T		T		T	T
					40	2.9	9.6	12	14		T		T	T
					50	2.7	9.1	11	14		T		T	T
					63	2.5	8.8	10	13		T		T	T
		D	20	8	5.4	T	T	T		T		T	T	
				10	4.9	T	T	T		T		T	T	
				13	5.1	T	T	T		T		T	T	
				16	4.5	T	T	T		T		T	T	
				20	3.8	T	T	T		T		T	T	
				25	3.9	14	T	T		T		T	T	
			35	32	3	12	14	T		T		T	T	
				0.3 / 0.5 / 1 / 1.6 / 2	16	16	16	16		16		16	16	
				3	16	16	16	16		16		16	16	
				4	9.8	16	16	16		16		16	16	
				6	7.6	T	T	T		T		T	T	



Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1														
					Application	LineProtection														
					FrameSize	100A									160A					
					Tripunittype	TM210									TM210 / TM220 / TM240					
					Icu[kA]	16 / 25 / 36									25 / 36 / 55 / 70					
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40	
5SY6	LineProtection	B	10	6	40							1	1.5	1.8						
					50								1.4	1.7						
					63									1.6						
			15		10	0.6	0.6	0.6	0.6	0.9	1.2	1.5	2.3	2.6	0.6	0.6	0.6	0.6	0.9	
					13		0.6	0.6	0.6	0.8	1.1	1.3	2.1	2.5		0.6	0.6	0.6	0.8	
					16			0.5	0.5	0.8	1	1.3	2	2.3			0.5	0.5	0.8	
					20				0.5	0.7	1	1.2	1.8	2.2				0.5	0.7	
					25					0.6	0.9	1.1	1.7	2					0.6	
					32						0.9	1	1.6	1.9						
			30		2	1.2	1.2	1.2	1.2	1.8	2.7	3.4	6.9	11	1.2	1.2	1.2	1.2	1.8	
					4	0.7	0.7	0.7	0.7	0.9	1.2	1.5	2.6	3.1	0.7	0.7	0.7	0.7	0.9	
					6	0.8	0.8	0.8	0.8	1	1.5	1.9	3.1	4.2	0.8	0.8	0.8	0.8	1	
		C	10	40									0.9	1.4	1.7					
				50										1.3	1.6					
				63											1.4					
			15	8 / 10	0.6	0.6	0.6	0.6	0.8	1	1.2	2.1	2.6	0.6	0.6	0.6	0.6	0.8		
				13		0.5	0.5	0.5	0.7	0.9	1.1	1.8	2.3		0.5	0.5	0.5	0.7		
				15 / 16			0.5	0.5	0.7	0.9	1.1	1.8	2.3			0.5	0.5	0.7		
				20				0.4	0.6	0.8	0.9	1.5	1.9				0.4	0.6		
				25					0.6	0.8	0.9	1.5	1.9					0.6		
				32						0.8	0.9	1.5	1.9							
			30	0.3 / 0.5 / 1 / 1.6 / 2	1.2	1.2	1.2	1.2	1.8	2.7	3.4	6.9	11	1.2	1.2	1.2	1.2	1.8		
				3	0.9	0.9	0.9	0.9	1.3	1.9	2.4	4.4	6.3	0.9	0.9	0.9	0.9	1.3		
				4 / 5 / 6	0.7	0.7	0.7	0.7	0.9	1.2	1.5	2.6	3.1	0.7	0.7	0.7	0.7	0.9		
		D	10	40									1.1	1.4						
				50										1.2						
				63											1.1					
			15	8	0.5	0.5	0.5	0.5	0.7	0.9	1.2	1.9	2.3	0.5	0.5	0.5	0.5	0.7		
				10	0.5	0.5	0.5	0.5	0.7	0.9	1.1	1.8	2.2	0.5	0.5	0.5	0.5	0.7		
				13		0.4	0.4	0.4	0.6	0.9	1.1	1.8	2.2		0.4	0.4	0.4	0.6		
				16					0.6	0.8	1	1.7	2.1					0.6		
				20					0.5	0.7	1	1.6	1.9					0.5		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1											
					Application	LineProtection											
					FrameSize	160A					250A			400A	630A	1000A	
					Tripunittype	TM210 / TM220 / TM240					TM240						
					Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70			36 / 55 / 70 / 110		55 / 70 / 110	
					Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	125	160	160
5SY6	LineProtection	B	10	6	40		1	1.5	1.8	3.1	3.9	T	T	T	T	T	T
					50			1.4	1.7	2.8	3.4	T	T	T	T	T	T
					63				1.6	2.7	3.3	T	T	T	T	T	T
					10	1.2	1.5	2.3	2.6	5.3	6.7	T	T	T	T	T	T
					13	1.1	1.3	2.1	2.5	4.5	5.5	T	T	T	T	T	T
					16	1	1.3	2	2.3	4.3	5.4	T	T	T	T	T	T
			15		20	1	1.2	1.8	2.2	3.8	4.8	T	T	T	T	T	T
					25	0.9	1.1	1.7	2	3.5	4.4	T	T	T	T	T	T
					32	0.9	1	1.6	1.9	3.4	4.1	T	T	T	T	T	T
					2	2.7	3.4	6.9	11	T	T	T	T	T	T	T	T
					4	1.2	1.5	2.6	3.1	10	14	T	T	T	T	T	T
					6	1.5	1.9	3.1	4.2	10	14	T	T	T	T	T	T
		C	10	40		0.9	1.4	1.7	3.1	3.7	T	T	T	T	T	T	
				50			1.3	1.6	2.9	3.5	T	T	T	T	T	T	
				63				1.4	2.7	3.3	T	T	T	T	T	T	
				8 / 10	1	1.2	2.1	2.6	5.3	6.5	T	T	T	T	T	T	
				13	0.9	1.1	1.8	2.3	4.3	5.4	T	T	T	T	T	T	
				15 / 16	0.9	1.1	1.8	2.3	4.3	5.4	T	T	T	T	T	T	
			15	20	0.8	0.9	1.5	1.9	3.5	4.4	T	T	T	T	T	T	
				25	0.8	0.9	1.5	1.9	3.5	4.4	T	T	T	T	T	T	
				32	0.8	0.9	1.5	1.9	3.4	4.1	T	T	T	T	T	T	
				0.3 / 0.5 / 1 / 1.6 / 2	2.7	3.4	6.9	11	T	T	T	T	T	T	T	T	
				3	1.9	2.4	4.4	6.3	T	T	T	T	T	T	T	T	
				4 / 5 / 6	1.2	1.5	2.6	3.1	10	14	T	T	T	T	T	T	
		D	10	40			1.1	1.4	2.4	2.9	T	T	T	T	T	T	
				50				1.2	2.1	2.7	9.1	T	T	T	T	T	
				63				1.1	1.9	2.5	8.8	T	T	T	T	T	
				8	0.9	1.2	1.9	2.3	4.4	5.4	T	T	T	T	T	T	
				10	0.9	1.1	1.8	2.2	4	4.9	T	T	T	T	T	T	
				13	0.9	1.1	1.8	2.2	4.1	5.1	T	T	T	T	T	T	
			15	16	0.8	1	1.7	2.1	3.7	4.5	T	T	T	T	T	T	
				20	0.7	1	1.6	1.9	3.1	3.8	T	T	T	T	T	T	

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1													
					Application	LineProtection													
					FrameSize	100A						160A							
					Tripunittype	TM210						TM210 / TM220 / TM240							
					Icu[kA]	16 / 25 / 36						25 / 36 / 55 / 70							
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40
5SY6	LineProtection	D	15	6	25					0.5	0.7	0.9	1.5	1.8					0.5
					32							1.2	1.5						
			30		0.3 / 0.5 / 1 / 1.6 / 2	1	1	1	1	1.5	2.2	2.7	5.1	6.9	1	1	1	1	1.5
					3	0.8	0.8	0.8	0.8	1.2	1.7	2.1	3.4	4.6	0.8	0.8	0.8	0.8	1.2
					4	0.7	0.7	0.7	0.7	1	1.4	1.7	2.7	3.2	0.7	0.7	0.7	0.7	1
					6	0.6	0.6	0.6	0.6	0.8	1.2	1.5	2.3	2.7	0.6	0.6	0.6	0.6	0.8

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1													
					Application	LineProtection													
					FrameSize	160A					250A			400A	630A	1000A			
					Tripunittype	TM210 / TM220 / TM240					TM240								
					Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70			36 / 55 / 70 / 110		55 / 70 / 110			
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	125	160	160	200	250	320 / 400	500 / 630	630 / 800 / 1000		
5SY6	LineProtection	D	15	6	25	0.7	0.9	1.5	1.8	3	3.9	14	T	T	T	T	T		
					32			1.2	1.5	2.5	3	12	14	T	T	T	T		
			30		0.3 / 0.5 / 1 / 1.6 / 2	2.2	2.7	5.1	6.9	16	16	16	16	16	16	16	16	16	16
					3	1.7	2.1	3.4	4.6	16	16	16	16	16	16	16	16	16	
					4	1.4	1.7	2.7	3.2	7.1	9.8	16	16	16	16	16	16	16	
					6	1.2	1.5	2.3	2.7	5.6	7.6	T	T	T	T	T	T	T	

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1																	
					Application	LineProtection																	
					FrameSize	100A									160A								
					Tripunittype	TM210									TM210 / TM220 / TM240								
					Icu[kA]	16 / 25 / 36									25 / 36 / 55 / 70								
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40				
5SY7	LineProtection	B	20	15	40							1	1.5	1.8									
					50								1.4	1.7									
					63									1.6									
			25		13		0.6	0.6	0.6	0.8	1.1	1.3	2.1	2.5		0.6	0.6	0.6	0.8				
					16			0.5	0.5	0.8	1	1.3	2	2.3			0.5	0.5	0.8				
					20				0.5	0.7	1	1.2	1.8	2.2				0.5	0.7				
			C		25	25				0.6	0.9	1.1	1.7	2									0.6
						32						0.9	1	1.6	1.9								
						10	0.6	0.6	0.6	0.6	0.9	1.2	1.5	2.3	2.6	0.6	0.6	0.6	0.6	0.9			
					20	6	0.8	0.8	0.8	0.8	1	1.5	1.9	3.1	4.2	0.8	0.8	0.8	0.8	1			
		40									0.9	1.4	1.7										
		50										1.3	1.6										
		D		25	63											1.4							
					13		0.5	0.5	0.5	0.7	0.9	1.1	1.8	2.3		0.5	0.5	0.5	0.7				
					16			0.5	0.5	0.7	0.9	1.1	1.8	2.3			0.5	0.5	0.7				
				20	20				0.4	0.6	0.8	0.9	1.5	1.9				0.4	0.6				
			25						0.6	0.8	0.9	1.5	1.9					0.6					
			32							0.8	0.9	1.5	1.9										
			15	8 / 10	0.6	0.6	0.6	0.6	0.8	1	1.2	2.1	2.6	0.6	0.6	0.6	0.6	0.8					
				3	0.9	0.9	0.9	0.9	1.3	1.9	2.4	4.4	6.3	0.9	0.9	0.9	0.9	1.3					
				4 / 6	0.7	0.7	0.7	0.7	0.9	1.2	1.5	2.6	3.1	0.7	0.7	0.7	0.7	0.9					
				0.3 / 0.5 / 1 / 1.6 / 2	1.2	1.2	1.2	1.2	1.8	2.7	3.4	6.9	11	1.2	1.2	1.2	1.2	1.8					
		30	15	50											1.2								
				63											1.1								
			20	40										1.1	1.4								
				13		0.4	0.4	0.4	0.6	0.9	1.1	1.8	2.2		0.4	0.4	0.4	0.6					
				16					0.6	0.8	1	1.7	2.1					0.6					
			25	20					0.5	0.7	1	1.6	1.9					0.5					
				25					0.5	0.7	0.9	1.5	1.8					0.5					
				32								1.2	1.5										
8	0.5			0.5	0.5	0.5	0.7	0.9	1.2	1.9	2.3	0.5	0.5	0.5	0.5	0.7							
10	0.5			0.5	0.5	0.5	0.7	0.9	1.1	1.8	2.2	0.5	0.5	0.5	0.5	0.7							

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1													
					Application	LineProtection													
					FrameSize	160A					250A			400A	630A	1000A			
					Tripunittype	TM210 / TM220 / TM240					TM240								
					Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70			36 / 55 / 70 / 110		55 / 70 / 110			
					Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	125	160	160	200	250
5SY7	LineProtection	B	20	15	40		1	1.5	1.8	3.1	3.9	17	T	T	T	T	T		
					50			1.4	1.7	2.9	3.5	13	T	T	T	T	T		
					63				1.6	2.7	3.2	12	T	T	T	T	T		
			25		13	1.1	1.3	2.1	2.5	4.5	5.5	T	T	T	T	T	T	T	
					16	1	1.3	2	2.3	4.3	5.4	T	T	T	T	T	T	T	
					20	1	1.2	1.8	2.2	3.8	4.8	T	T	T	T	T	T	T	
			30		25	0.9	1.1	1.7	2	3.5	4.4	T	T	T	T	T	T	T	
					32	0.9	1	1.6	1.9	3.4	4.1	T	T	T	T	T	T	T	
					10	1.2	1.5	2.3	2.6	5.3	6.7	T	T	T	T	T	T	T	
			C		20	6	1.5	1.9	3.1	4.2	10	15	T	T	T	T	T	T	T
						40		0.9	1.4	1.7	3.1	3.7	17	T	T	T	T	T	
						50			1.3	1.6	2.9	3.5	13	T	T	T	T	T	
		25			63				1.4	2.7	3.2	12	14	T	T	T	T		
					13	0.9	1.1	1.8	2.3	4.3	5.4	T	T	T	T	T	T		
					16	0.9	1.1	1.8	2.3	4.3	5.4	T	T	T	T	T	T		
		30			20	0.8	0.9	1.5	1.9	3.5	4.4	T	T	T	T	T	T		
					25	0.8	0.9	1.5	1.9	3.5	4.4	T	T	T	T	T	T		
					32	0.8	0.9	1.5	1.9	3.4	4.1	T	T	T	T	T	T		
		50			8 / 10	1	1.2	2.1	2.6	5.3	6.5	T	T	T	T	T	T		
					3	1.9	2.4	4.4	6.3	T	T	T	T	T	T	T	T		
					4 / 6	1.2	1.5	2.6	3.1	10	14	T	T	T	T	T	T		
		D	15		0.3 / 0.5 / 1 / 1.6 / 2	2.7	3.4	6.9	11	T	T	T	T	T	T	T	T		
					50				1.2	2.1	2.7	9.1	11	14	T	T	T		
					63				1.1	1.9	2.5	8.8	10	13	T	T	T		
			20		40				1.1	1.4	2.4	2.9	9.6	12	14	T	T	T	
					13	0.9	1.1	1.8	2.2	4.1	5.1	T	T	T	T	T	T		
					16	0.8	1	1.7	2.1	3.7	4.5	T	T	T	T	T	T		
			25		20	0.7	1	1.6	1.9	3.1	3.8	T	T	T	T	T	T		
					25	0.7	0.9	1.5	1.8	3	3.9	14	T	T	T	T	T		
					32				1.2	1.5	2.5	3	12	14	T	T	T		
			30		8	0.9	1.2	1.9	2.3	4.4	5.4	T	T	T	T	T	T		
					10	0.9	1.1	1.8	2.2	4	4.9	T	T	T	T	T	T		

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1													
					Application	LineProtection													
					FrameSize	100A							160A						
					Tripunittype	TM210							TM210 / TM220 / TM240						
					Icu[kA]	16 / 25 / 36							25 / 36 / 55 / 70						
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40
5SY7	LineProtection	D	40	15	3	0.8	0.8	0.8	0.8	1.2	1.7	2.1	3.4	4.6	0.8	0.8	0.8	0.8	1.2
					4	0.7	0.7	0.7	0.7	1	1.4	1.7	2.7	3.2	0.7	0.7	0.7	0.7	1
		6	0.6		0.6	0.6	0.6	0.8	1.2	1.5	2.3	2.7	0.6	0.6	0.6	0.6	0.6	0.8	
		0.3 / 0.5 / 1 / 1.6 / 2	1		1	1	1	1.5	2.2	2.7	5.1	6.9	1	1	1	1	1.5		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1											
					Application	LineProtection											
					FrameSize	160A					250A			400A	630A	1000A	
					Tripunittype	TM210 / TM220 / TM240					TM240						
					Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70			36 / 55 / 70 / 110		55 / 70 / 110	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	125	160	160	200	250	320 / 400	500 / 630	630 / 800 / 1000
5SY7	LineProtection	D	40	15	3	1.7	2.1	3.4	4.6	16	16	16	16	16	16	16	16
					4	1.4	1.7	2.7	3.2	7.1	9.8	16	16	16	16	16	16
		6	1.2		1.5	2.3	2.7	5.6	7.6	16	16	16	16	16	16	16	16
		0.3 / 0.5 / 1 / 1.6 / 2	2.2		2.7	5.1	6.9	16	16	16	16	16	16	16	16	16	16



Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA1															
				Application	LineProtection															
				FrameSize	100A							160A								
				Tripunittype	TM210							TM210 / TM220 / TM240								
				Icu[kA]	16 / 25 / 36							25 / 36		25 / 36 / 55 / 70						
Productline	Application	Characteristic	Icu[kA]	In[A]	16	20	25	32	40	50	63	80	100	125	160	16	20	25		
5SY8	LineProtection	C	25	40							0.9	1.5	1.7	3.1	3.7					
				50								1.4	1.6	2.9	3.5					
				63									1.5	2.7	3.2					
			30	13		0.5	0.5	0.5	0.7	0.9	1.2	1.8	2.3	4.3	5.4			0.5	0.5	
				16			0.5	0.5	0.7	0.9	1.2	1.9	2.3	4.3	5.4				0.5	
				20				0.4	0.6	0.8	1	1.6	1.9	3.5	4.4					
				25					0.6	0.8	1	1.6	1.9	3.5	4.4					
			40	8	0.6	0.6	0.6	0.6	0.8	1.1	1.4	2.1	2.6	5.3	6.5	0.6	0.6	0.6		
				10	0.6	0.6	0.6	0.6	0.8	1	1.3	2.1	2.6	5.3	6.5	0.6	0.6	0.6		
				50	3	0.9	0.9	0.9	0.9	1.3	1.9	2.4	4.4	6.3	T	T	0.9	0.9	0.9	
			4		0.7	0.7	0.7	0.7	1	1.5	1.8	3	3.9	10	14	0.7	0.7	0.7		
			6		0.7	0.7	0.7	0.7	0.9	1.3	1.6	2.6	3.1	10	14	0.7	0.7	0.7		
			70	0.3 / 0.5 / 1 / 1.6 / 2	1.2	1.2	1.2	1.2	1.8	2.7	3.4	6.9	11	T	T	1.2	1.2	1.2		
			D	20	50										1.2	2.1	2.7			
					63										1.1	1.9	2.5			
		25			40								1.1	1.4	2.4	2.9				
				13		0.4	0.4	0.4	0.6	0.9	1.1	1.8	2.2	4.1	5.1			0.4	0.4	
				16					0.6	0.8	1	1.7	2.1	3.7	4.5					
				20					0.5	0.7	1	1.6	1.9	3.1	3.8					
		30		25					0.5	0.7	0.9	1.5	1.8	3	3.9					
				32								1.2	1.5	2.5	3					
				40	8	0.5	0.5	0.5	0.5	0.7	0.9	1.2	1.9	2.3	4.4	5.4	0.5	0.5	0.5	
		10			0.5	0.5	0.5	0.5	0.7	0.9	1.1	1.8	2.2	4	4.9	0.5	0.5	0.5		
		50		3	0.8	0.8	0.8	0.8	1.2	1.7	2.1	3.4	4.6	16	16	0.8	0.8	0.8		
				4	0.7	0.7	0.7	0.7	1	1.4	1.7	2.7	3.2	7.1	9.8	0.7	0.7	0.7		
				6	0.6	0.6	0.6	0.6	0.8	1.2	1.5	2.3	2.7	5.6	7.6	0.6	0.6	0.6		
		70		0.3 / 0.5 / 1 / 1.6 / 2	1	1	1	1	1.5	2.2	2.7	5.1	6.9	16	16	1	1	1		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA1														
				Application	LineProtection														
				FrameSize	160A						250A								
				Tripunittype	TM210 / TM220 / TM240						TM240								
				Icu[kA]	25 / 36 / 55 / 70					55 / 70		36			55 / 70				
Productline	Application	Characteristic	Icu[kA]	In[A]	32	40	50	63	80	100	125	160	160	200	250	160	200	250	
5SY8	LineProtection	C	25	40				0.9	1.5	1.7	3.1	3.7	T	T	T	T	T	T	
				50					1.4	1.6	2.9	3.5	20	T	T	20	T	T	
				63						1.5	2.7	3.2	12	14	T	12	14	T	
			30	13	0.5	0.7	0.9	1.2	1.8	2.3	4.3	5.4	T	T	T	T	T	T	T
				16	0.5	0.7	0.9	1.2	1.9	2.3	4.3	5.4	T	T	T	T	T	T	T
				20	0.4	0.6	0.8	1	1.6	1.9	3.5	4.4	T	T	T	T	T	T	T
				25		0.6	0.8	1	1.6	1.9	3.5	4.4	T	T	T	T	T	T	T
			40	32			0.8	1	1.6	1.9	3.4	4.1	T	T	T	T	T	T	T
				8	0.6	0.8	1.1	1.4	2.1	2.6	5.3	6.5	T	T	T	T	T	T	T
				10	0.6	0.8	1	1.3	2.1	2.6	5.3	6.5	T	T	T	T	T	T	T
			50	3	0.9	1.3	1.9	2.4	4.4	6.3	40	40	T	T	T	40	40	40	40
				4	0.7	1	1.5	1.8	3	3.9	10	14	T	T	T	40	40	40	40
				6	0.7	0.9	1.3	1.6	2.6	3.1	10	14	T	T	T	40	40	40	40
			70	0.3 / 0.5 / 1 / 1.6 / 2	1.2	1.8	2.7	3.4	6.9	11	T	T	T	T	T	T	T	T	T
			D	20	50						1.2	2.1	2.7	9.1	11	14	9.1	11	14
		63								1.1	1.9	2.5	8.8	10	13	8.8	10	13	
		40							1.1	1.4	2.4	2.9	9.6	12	14	9.6	12	14	
		30		13	0.4	0.6	0.9	1.1	1.8	2.2	4.1	5.1	T	T	T	T	T	T	
				16		0.6	0.8	1	1.7	2.1	3.7	4.5	T	T	T	T	T	T	
				20		0.5	0.7	1	1.6	1.9	3.1	3.8	T	T	T	T	T	T	
				25		0.5	0.7	0.9	1.5	1.8	3	3.9	14	T	T	14	T	T	
		40		32					1.2	1.5	2.5	3	12	14	T	12	14	T	
				8	0.5	0.7	0.9	1.2	1.9	2.3	4.4	5.4	T	T	T	T	T	T	
				10	0.5	0.7	0.9	1.1	1.8	2.2	4	4.9	T	T	T	T	T	T	
		50		3	0.8	1.2	1.7	2.1	3.4	4.6	16	16	T	T	T	40	40	40	
				4	0.7	1	1.4	1.7	2.7	3.2	7.1	9.8	T	T	T	40	40	40	
				6	0.6	0.8	1.2	1.5	2.3	2.7	5.6	7.6	T	T	T	40	40	40	
		70		0.3 / 0.5 / 1 / 1.6 / 2	1	1.5	2.2	2.7	5.1	6.9	16	16	T	T	T	40	40	40	

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA1					
				Application	LineProtection					
				FrameSize	400A		630A		1000A	
				Tripunittype	TM240					
				Icu[kA]	36	55 / 70 / 110	36	55 / 70 / 110		
Productline	Application	Characteristic	Icu[kA]	In[A]	320 / 400		500 / 630	500 / 630	630 / 800 / 1000	
5SY8	LineProtection	C	25	40	T	T	T	T	T	
				50	T	T	T	T	T	
				63	T	T	T	T	T	
			30	13	T	T	T	T	T	
				16	T	T	T	T	T	
				20	T	T	T	T	T	
				25	T	T	T	T	T	
				32	T	T	T	T	T	
				40	8	T	T	T	T	T
			50	10	T	T	T	T	T	
				3	T	T	T	T	T	
				4	T	T	T	T	T	
			70	6	T	T	T	T	T	
				0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	T	
				D	20	50	T	T	T	T
			63			T	T	T	T	T
			25		40	T	T	T	T	T
					30	13	T	T	T	T
		16	T			T	T	T	T	
		20	T			T	T	T	T	
		25	T			T	T	T	T	
		32	T			T	T	T	T	
		40	8			T	T	T	T	T
		50	10		T	T	T	T	T	
			3		T	40	T	40	40	
			4		T	40	T	40	40	
		70	6		T	40	T	40	40	
			0.3 / 0.5 / 1 / 1.6 / 2		T	40	T	40	40	

3VA2 - 5SL

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2				
					Application	LineProtection				
					FrameSize	160A				
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560
					Icu[kA]	55 / 85 / 110				36
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	40	63	25	100 / 160	160
5SL3	LineProtection	B	4.5	4.5	6	T	T	T	T	T
					10 / 13	T	T	4	T	T
		16			T	T	3.2	T	T	
		20 / 25			T	T		T	T	
		32 / 40				T		T	T	
		50 / 63						T	T	
	C	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8	T	T	T	T	T			

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	160A		250A				
					Tripunittype	ETU340		ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560	ETU340	ETU345
					Icu[kA]	55 / 85 / 110				36	55 / 85 / 110	55
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	25	100	160 / 250		250	160	
5SL3	LineProtection	B	4.5	4.5	6	T	T	T		T	T	T
					10 / 13	T	T	T		T	T	T
		16			T	T	T		T	T	T	
		20 / 25				T	T		T	T	T	
		32 / 40				T	T		T	T	T	
		50 / 63				T	T		T	T	T	
	C	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8			T	T	T		T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2			
					Application	LineProtection			
					FrameSize	400A			
					Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345
					Icu[kA]	55 / 85 / 110		55	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	250 / 400		250	
5SL3	LineProtection	B	4.5	4.5	6	T	T	T	
					10 / 13	T	T	T	
		16			T	T	T		
		20 / 25			T	T	T		
		32 / 40			T	T	T		
		50 / 63			T	T	T		
	C	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8	T	T	T				

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2				
					Application	LineProtection				
					FrameSize	630A			1000A	
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350	ETU345	ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU345
					Icu[kA]	55 / 85 / 110	55	55 / 85 / 110		55
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	400 / 630	400 / 500 / 630	630 / 800 / 1000	630 / 1000	
5SL3	LineProtection	B / C	4.5	4.5	6	T	T	T	T	T
					10 / 13	T	T	T	T	T
					16	T	T	T	T	T
					20 / 25	T	T	T	T	T
					32 / 40	T	T	T	T	T
					50 / 63	T	T	T	T	T
	C	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8	T	T	T	T	T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2	
					Application	LineProtection	
					FrameSize	1250A	1600A
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU320 / ETU350 / ETU360 / ETU650 / ETU660
					Icu[kA]	55 / 85 / 110	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	1250	800 / 1000 / 1250 / 1600
5SL3	LineProtection	B	4.5	4.5	6	T	T
					10 / 13	T	T
		16			T	T	
		20 / 25			T	T	
		32 / 40			T	T	
		50 / 63			T	T	
	C	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6 / 8			T	T	



Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2				
					Application	LineProtection				
					FrameSize	160A				
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340
					Icu[kA]	55 / 85 / 110				
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	25	40	63 / 100 / 160	63 / 100	
5SL30(1+N)	LineProtection	C	4.5	4.5	2 / 4 / 6 / 8 / 10 / 13 / 16	T	T	T	T	
					20 / 25		T	T	T	
					32 / 40			T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2					
					Application	LineProtection					
					FrameSize	250A		400A			
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340
					Icu[kA]	55 / 85 / 110					
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	160 / 250	160	250 / 400	250		
5SL30(1+N)	LineProtection	C	4.5	4.5	2 / 4 / 6 / 8 / 10 / 13 / 16	T	T	T	T		
					20 / 25	T	T	T	T		
					32 / 40	T	T	T	T		

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2			
					Application	LineProtection			
					FrameSize	630A		1000A	1600A
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350	ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU320 / ETU350 / ETU360 / ETU650 / ETU660
					Icu[kA]	55 / 85 / 110			
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	400 / 630	400 / 500 / 630	630 / 800 / 1000	800 / 1000 / 1250 / 1600
5SL30(1+N)	LineProtection	C	4.5	4.5	2 / 4 / 6 / 8 / 10 / 13 / 16	T	T	T	T
					20 / 25	T	T	T	T
					32 / 40	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	160A						
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560	
					Icu[kA]	55 / 85 / 110					36	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	25	40	100 / 160	160		
5SL4	LineProtection	B	10	10	1 / 2 / 3 / 4 / 6 / 8 / 10	T	T	T	T	T		
					13	T	5.9	T	T	T		
					16	T	4.9	T	T	T		
					32 / 40	T			T	T		
					50 / 63				T	T		
					20 / 25	T		T	T	T		
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	T	T	T	T	T		
					8 / 10	T	5.6	T	T	T		
					13 / 16	T	4	T	T	T		
					20 / 25	T		7.3	T	T		
					0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4	T	T	T	T	T		
					6	T	7.1	T	T	T		
	D	8 / 10	T	3.9	T	T	T					
		13 / 16	T	3.6	T	T	T					

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2							
					Application	LineProtection							
					FrameSize	160A			250A				
					Tripunittype	ETU340			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560	ETU340	ETU345
					Icu[kA]	55 / 85 / 110				36	55 / 85 / 110	55	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	25	40	100	160 / 250	250	160		
5SL4	LineProtection	B	10	10	1 / 2 / 3 / 4 / 6 / 8 / 10	T	T	T	T	T	T	T	
					13	T	T	T	T	T	T		
					16	T	T	T	T	T	T		
					32 / 40			T	T	T	T		
					50 / 63			T	T	T	T		
					20 / 25		T	T	T	T	T		
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	T	T	T	T	T	T		
					8 / 10	T	T	T	T	T	T		
					13 / 16	4	T	T	T	T	T		
					20 / 25		T	T	T	T	T		
					0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4	T	T	T	T	T	T		
					6	T	T	T	T	T	T		
		D			8 / 10	3.9	T	T	T	T	T		
					13 / 16	3.6	T	T	T	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2			
					Application	LineProtection			
					FrameSize	400A			
					Tripunittype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345
					Icu[kA]	55 / 85 / 110		55	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	250 / 400	250		
5SL4	LineProtection	B	10	10	1 / 2 / 3 / 4 / 6 / 8 / 10	T	T	T	
					13	T	T	T	
					16	T	T	T	
					32 / 40	T	T	T	
					50 / 63	T	T	T	
					20 / 25	T	T	T	
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	T	T	T	
					8 / 10	T	T	T	
					13 / 16	T	T	T	
					20 / 25	T	T	T	
					0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4	T	T	T	
					6	T	T	T	
		D			8 / 10	T	T	T	
					13 / 16	T	T	T	

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2				
					Application	LineProtection				
					FrameSize	630A			1000A	
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350	ETU345	ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU345
					Icu[kA]	55 / 85 / 110	55	55 / 85 / 110		55
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	400 / 630		400 / 500 / 630	630 / 800 / 1000	630 / 1000
5SL4	LineProtection	B	10	10	1 / 2 / 3 / 4 / 6 / 8 / 10	T	T	T	T	T
					13	T	T	T	T	T
					16	T	T	T	T	T
					32 / 40	T	T	T	T	T
					50 / 63	T	T	T	T	T
					20 / 25	T	T	T	T	T
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	T	T	T	T	T
					8 / 10	T	T	T	T	T
					13 / 16	T	T	T	T	T
					20 / 25	T	T	T	T	T
					0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4	T	T	T	T	T
					6	T	T	T	T	T
		D			8 / 10	T	T	T	T	T
					13 / 16	T	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2	
					Application	LineProtection	
					FrameSize	1250A	1600A
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU320 / ETU350 / ETU360 / ETU650 / ETU660
					Icu[kA]	55 / 85 / 110	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	1250	800 / 1000 / 1250 / 1600
5SL4	LineProtection	B	10	10	1 / 2 / 3 / 4 / 6 / 8 / 10	T	T
					13	T	T
					16	T	T
					32 / 40	T	T
					50 / 63	T	T
					20 / 25	T	T
		C			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	T	T
					8 / 10	T	T
					13 / 16	T	T
					20 / 25	T	T
					0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4	T	T
					6	T	T
	D	8 / 10	T	T			
		13 / 16	T	T			



Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2				
					Application	LineProtection				
					FrameSize	160A				
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560
					Icu[kA]	55 / 85 / 110				36
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	40	63	25	100 / 160	160
5SL6	LineProtection	B	6	6	2 / 4	T	T	T	T	T
					6	T	T	5	T	T
					10 / 13	T	T	4	T	T
					16	T	T	3.2	T	T
					20 / 25	T	T		T	T
		C			32 / 40		T		T	T
					50 / 63				T	T
					0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4	T	T	T	T	T
					6	T	T	4.1	T	T
					8	T	T	4.4	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	160A		250A				
					Tripunitytype	ETU340		ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560	ETU340	ETU345
					Icu[kA]	55 / 85 / 110				36	55 / 85 / 110	55
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	25	100	160 / 250		250	160	
5SL6	LineProtection	B	6	6	2 / 4	T	T	T		T	T	T
					6	T	T	T		T	T	T
					10 / 13	T	T	T		T	T	T
					16	3.2	T	T		T	T	T
					20 / 25		T	T		T	T	T
		C			32 / 40		T	T		T	T	T
					50 / 63		T	T		T	T	T
					0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4	T	T	T		T	T	T
					6	T	T	T		T	T	T
					8	T	T	T		T	T	T

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2								
					Application	LineProtection								
					FrameSize	400A			630A					
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345	ETU320 / ETU330 / ETU340 / ETU350		ETU345	ETU550 / ETU560 / ETU850 / ETU860	
					Icu[kA]	55 / 85 / 110			55		55 / 85 / 110		55	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	250 / 400		250		400 / 630		400 / 500 / 630		
5SL6	LineProtection	B	6	6	2 / 4	T	T	T	T	T	T	T	T	
					6	T	T	T	T	T	T	T		
					10 / 13	T	T	T	T	T	T	T		
					16	T	T	T	T	T	T	T		
					20 / 25	T	T	T	T	T	T	T		
		C			32 / 40	T	T	T	T	T	T	T	T	
					50 / 63	T	T	T	T	T	T	T	T	
					0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4	T	T	T	T	T	T	T	T	
					6	T	T	T	T	T	T	T		
					8	T	T	T	T	T	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	1000A		1250A	1600A			
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU345	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU320 / ETU350 / ETU360 / ETU650 / ETU660	
					Icu[kA]	55 / 85 / 110		55	55 / 85 / 110			
					Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000	630 / 1000
5SL6	LineProtection	B	6	6	2 / 4	T	T	T	T			
					6	T	T	T	T			
					10 / 13	T	T	T	T			
					16	T	T	T	T			
					20 / 25	T	T	T	T			
					32 / 40	T	T	T	T			
		C			50 / 63	T	T	T	T			
					0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4	T	T	T	T			
					6	T	T	T	T			
					8	T	T	T	T			

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2							
					Application	LineProtection							
					FrameSize	160A							
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			ETU320 / ETU330 / ETU560		ETU340		
					Icu[kA]	55 / 85 / 110			36		55 / 85 / 110		
Productline	Suffix	Application	Characteristic	Icn[kA]	In[A]	25	40	63 / 100 / 160	160	25	40	63 / 100	
5SL60(1+N)	MCMF	LineProtection	B	6	2 / 4 / 6 / 10 / 13	T	T	T	T	T	T	T	
					16	5.4	T	T	T	T	T	T	
					20 / 25		T	T	T		T	T	
			B / C		32			T	T			T	
					13	5.2	T	T	T	T	T	T	
			C		16	4.5	T	T	T	5.1	T	T	
	20 / 25					5.5	T	T		T	T		
	-		B		6 / 10 / 13 / 16	T	T	T	T	T	T	T	
					20 / 25		T	T	T		T	T	
					32 / 40			T	T			T	
			B / C		13 / 16	4.6	T	T	T	T	T	T	
					2 / 4 / 6 / 8 / 10	T	T	T	T	T	T	T	
	- / MC / MF		C		2 / 4 / 6 / 8 / 10	T	T	T	T	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2				
					Application	LineProtection				
					FrameSize	250A				
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560	ETU340	ETU345
					Icu[kA]	55 / 85 / 110		36	55 / 85 / 110	55
Productline	Suffix	Application	Characteristic	Icn[kA]	In[A]	160 / 250		250	160	
5SL60(1+N)	MCMF	LineProtection	B	6	2 / 4 / 6 / 10 / 13	T	T	T	T	
					16	T	T	T	T	
					20 / 25	T	T	T	T	
			B / C		32	T	T	T	T	
					13	T	T	T	T	
			C		16	T	T	T	T	
	20 / 25				T	T	T	T		
	-		B		6 / 10 / 13 / 16	T	T	T	T	
					20 / 25	T	T	T	T	
					32 / 40	T	T	T	T	
			B / C		13 / 16	T	T	T	T	
					2 / 4 / 6 / 8 / 10	T	T	T	T	
	- / MCI MF		C		2 / 4 / 6 / 8 / 10	T	T	T	T	

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2								
					Application	LineProtection								
					FrameSize	400A			630A					
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345	ETU320 / ETU330 / ETU340 / ETU350		ETU345	ETU550 / ETU560 / ETU850 / ETU860	
					Icu[kA]	55 / 85 / 110			55		55 / 85 / 110		55	
Productline	Suffix	Application	Characteristic	Icn[kA]	In[A]	250 / 400		250		400 / 630		400 / 500 / 630		
5SL60(1+N)	MCMF	LineProtection	B	6	2 / 4 / 6 / 10 / 13	T	T	T	T	T	T	T	T	
					16	T	T	T	T	T	T	T		
					20 / 25	T	T	T	T	T	T	T		
			B / C		32	T	T	T	T	T	T	T		
					13	T	T	T	T	T	T	T		
					16	T	T	T	T	T	T	T		
	C		20 / 25		T	T	T	T	T	T	T			
			6 / 10 / 13 / 16		T	T	T	T	T	T	T			
			20 / 25		T	T	T	T	T	T	T			
	-		B / C		32 / 40	T	T	T	T	T	T			
					13 / 16	T	T	T	T	T	T			
					20 / 25	T	T	T	T	T	T			
- / MCI MF	C	13 / 16	T	T	T	T	T	T						
		2 / 4 / 6 / 8 / 10	T	T	T	T	T	T						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	1000A		1250A	1600A			
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU345	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU320 / ETU350 / ETU360 / ETU650 / ETU660	
					Icu[kA]	55 / 85 / 110		55	55 / 85 / 110			
					Productline	Suffix	Application	Characteristic	Icn[kA]	In[A]	630 / 800 / 1000	630 / 1000
5SL60(1+N)	MCMF	LineProtection	B	6	2 / 4 / 6 / 10 / 13	T	T	T	T			
					16	T	T	T	T			
					20 / 25	T	T	T	T			
			B / C		32	T	T	T	T			
					13	T	T	T	T			
					16	T	T	T	T			
	C		20 / 25		T	T	T	T				
			B		6 / 10 / 13 / 16	T	T	T	T			
					20 / 25	T	T	T	T			
			B / C		32 / 40	T	T	T	T			
					13 / 16	T	T	T	T			
	- / MCI MF		C		2 / 4 / 6 / 8 / 10	T	T	T	T			



Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

**3VA2 - 5SP**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2				
					Application	LineProtection				
					FrameSize	160A		250A		
					Tripunitytype	ETU320 / ETU330 / ETU560	ETU350 / ETU550 / ETU850 / ETU860	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560	ETU340
					Icu[kA]	36 / 55 / 85 / 110	55 / 85 / 110		36	55 / 85 / 110
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	160	160	160 / 250	250	160
5SP4	LineProtection	B / C	10	10	125			T	T	T
		B / C / D			80 / 100	T	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	400A		630A				
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU320 / ETU330 / ETU340 / ETU350		ETU550 / ETU560 / ETU850 / ETU860	
					Icu[kA]	55 / 85 / 110						
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	250 / 400	250	400 / 630	400 / 500 / 630			
5SP4	LineProtection	B / C	10	10	125	T	T	T	T			
		B / C / D			80 / 100	T	T	T	T			

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2
					Application	LineProtection
					FrameSize	1000A
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860
					Icu[kA]	55 / 85 / 110
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000
5SP4	LineProtection	B / C	10	10	125	T
		B / C / D			80 / 100	T

3VA2 - 5SY

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	160A						
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560	
					Icu[kA]	55 / 85 / 110					36 / 55 / 85 / 110	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100	25	40	63	160		
5SY4	LineProtection	A	20	10	8	T	16	T	T	T		
					10	T	12	T	T	T		
					13	T	6.8	T	T	T		
					16	T	5.7	T	T	T		
					20	T	16	T	T			
					25	T	15	T	T			
		A/B	35	20	0.5 / 1 / 1.6 / 2 / 3	T	T	T	T	T		
					32	T		T	T			
					4 / 6	T	16	T	T			
					40	T		T	T			
					50 / 63	T			T			
					13 / 16	T	5	T	T	T		
		B	35	20	1 / 1.6 / 2 / 3	T	T	T	T	T		
					80				T			
					8 / 10	T	6.4	T	T	T		
					20 / 25	T	10	T	T			
					45 / 50 / 60 / 63	T			T			
					13 / 15 / 16	T	5	T	T	T		
		C	20	15	30 / 32	T			T	T		
					0.3 / 0.5 / 1 / 1.6 / 2 / 2.5 / 3	T	T	T	T			
					3.5 / 4 / 5 / 6	T	9.8	T	T	T		
					40	T		9	T			
					8	T	4.9	16	T	T		
					10	T	4.5	16	T	T		
		D	20	15	13	T	4.3	16	T	T		
					16	T	4	11	T	T		

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2							
					Application	LineProtection							
					FrameSize	160A				250A			
					Tripunittype	ETU340		ETU350 / ETU550 / ETU850 / ETU860		ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			ETU320 / ETU330 / ETU560
					Icu[kA]	55 / 85 / 110						36	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	25	40	63	160	160 / 250	250		
5SY4	LineProtection	A	20	10	8	T	T	T	T	T	T		
					10	T	T	T	T	T	T		
					13	7.1	T	T	T	T	T		
					16	7.1	T	T	T	T	T		
					20		17	T	T	T	T		
					25		17	T	T	T	T		
				0.5 / 1 / 1.6 / 2 / 3	T	T	T	T	T	T	T	T	
				32			T	T	T	T	T	T	
				4 / 6	T	T	T	T	T	T	T	T	
				40			T	T	T	T	T	T	
				50 / 63					T	T	T	T	
				13 / 16	7.1	T	T	T	T	T	T	T	
				1 / 1.6 / 2 / 3	T	T	T	T	T	T	T	T	
				80					T	T	T	T	
				8 / 10	T	T	T	T	T	T	T	T	
				20 / 25			17	T	T	T	T	T	
				45 / 50 / 60 / 63						T	T	T	
				13 / 15 / 16	7.1	T	T	T	T	T	T	T	
				30 / 32				T	T	T	T	T	
				0.3 / 0.5 / 1 / 1.6 / 2 / 2.5 / 3	T	T	T	T	T	T	T	T	
				3.5 / 4 / 5 / 6	T	T	T	T	T	T	T	T	
				40				13	T	T	T	T	
				8	8.1	T	T	T	T	T	T	T	
				10	5.1	T	T	T	T	T	T	T	
				13	5.1	T	T	T	T	T	T	T	
				16	5.1	15	T	T	T	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2					
					Application	LineProtection					
					FrameSize	250A		400A			
					Tripunittype	ETU340	ETU345	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345
					Icu[kA]	55 / 85 / 110	55	55 / 85 / 110			55
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	160		250 / 400		250	
5SY4	LineProtection	A	20	10	8	T	T	T	T	T	
					10	T	T	T	T	T	
					13	T	T	T	T	T	
					16	T	T	T	T	T	
					20	T	T	T	T	T	
					25	T	T	T	T	T	
		A/B	35	20	0.5 / 1 / 1.6 / 2 / 3	T	T	T	T	T	
					32	T	T	T	T	T	
					4 / 6	T	T	T	T	T	
					40	T	T	T	T	T	
					50 / 63	T	T	T	T	T	
					13 / 16	T	T	T	T	T	
		B	35	20	1 / 1.6 / 2 / 3	T	T	T	T	T	
					80	T	T	T	T	T	
					8 / 10	T	T	T	T	T	
					20 / 25	T	T	T	T	T	
					45 / 50 / 60 / 63	T	T	T	T	T	
					13 / 15 / 16	T	T	T	T	T	
		C	20	35	30 / 32	T	T	T	T	T	
					0.3 / 0.5 / 1 / 1.6 / 2 / 2.5 / 3	T	T	T	T	T	
					3.5 / 4 / 5 / 6	T	T	T	T	T	
					40	T	T	T	T	T	
					8	T	T	T	T	T	
					10	T	T	T	T	T	
		D	20	15	13	T	T	T	T	T	
					16	T	T	T	T	T	

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2					
					Application	LineProtection					
					FrameSize	630A			1000A		
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350	ETU345	ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU345	
					Icu[kA]	55 / 85 / 110	55	55 / 85 / 110		55	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	400 / 630	400 / 500 / 630	630 / 800 / 1000	630 / 1000		
5SY4	LineProtection	A	20	10	8	T	T	T	T	T	
					10	T	T	T	T	T	
					13	T	T	T	T	T	
					16	T	T	T	T	T	
					20	T	T	T	T	T	
					25	T	T	T	T	T	
		A/B	35	20	10	0.5 / 1 / 1.6 / 2 / 3	T	T	T	T	T
						32	T	T	T	T	T
						4 / 6	T	T	T	T	T
						40	T	T	T	T	T
						50 / 63	T	T	T	T	T
						13 / 16	T	T	T	T	T
		B	35	20	10	1 / 1.6 / 2 / 3	T	T	T	T	T
						80	T	T	T	T	T
						8 / 10	T	T	T	T	T
						20 / 25	T	T	T	T	T
						45 / 50 / 60 / 63	T	T	T	T	T
						13 / 15 / 16	T	T	T	T	T
		B/C	20	15	20	30 / 32	T	T	T	T	T
						0.3 / 0.5 / 1 / 1.6 / 2 / 2.5 / 3	T	T	T	T	T
						3.5 / 4 / 5 / 6	T	T	T	T	T
						40	T	T	T	T	T
						8	T	T	T	T	T
						10	T	T	T	T	T
		C	20	15	20	13	T	T	T	T	T
						10	T	T	T	T	T
						8	T	T	T	T	T
						13	T	T	T	T	T
						10	T	T	T	T	T
						8	T	T	T	T	T
		D	20	15	20	13	T	T	T	T	T
						10	T	T	T	T	T
8	T					T	T	T	T		
13	T					T	T	T	T		
10	T					T	T	T	T		
8	T					T	T	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2			
					Application	LineProtection			
					FrameSize	1250A	1600A		
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU320 / ETU350 / ETU360 / ETU650 / ETU660		
					Icu[kA]	55 / 85 / 110			
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	1250	800 / 1000 / 1250 / 1600		
5SY4	LineProtection	A	20	10	8	T	T		
					10	T	T		
					13	T	T		
					16	T	T		
					20	T	T		
					25	T	T		
		A/B	35	20	10	10	0.5 / 1 / 1.6 / 2 / 3	T	T
							32	T	T
							4 / 6	T	T
							40	T	T
							50 / 63	T	T
							13 / 16	T	T
		B	35	20	10	10	1 / 1.6 / 2 / 3	T	T
							80	T	T
							8 / 10	T	T
							20 / 25	T	T
							45 / 50 / 60 / 63	T	T
							13 / 15 / 16	T	T
		C	20	15	20	10	30 / 32	T	T
							0.3 / 0.5 / 1 / 1.6 / 2 / 2.5 / 3	T	T
							3.5 / 4 / 5 / 6	T	T
							40	T	T
							8	T	T
							10	T	T
		D	20	15	20	10	13	T	T
							16	T	T



Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2				
					Application	LineProtection				
					FrameSize	160A				
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560
					Icu[kA]	55 / 85 / 110				36 / 55 / 85 / 110
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100	25	40	63	160
5SY4	LineProtection	D	20	10	20	T		5.2	T	T
					25	T		4.6	16	T
					32	T		15	T	
			35		0.3 / 0.5 / 1 / 1.6 / 2 / 3	16	16	16	16	16
					4	16	9.7	16	16	16
					6	T	7.1	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2							
					Application	LineProtection							
					FrameSize	160A			250A				
					Tripunittype	ETU340		ETU350 / ETU550 / ETU850 / ETU860		ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560	
					Icu[kA]	55 / 85 / 110						36	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	25	40	63	160	160 / 250	250		
5SY4	LineProtection	D	20	10	20		14	T	T	T	T		
					25		12	T	T	T	T		
					32			16	T	T	T		
			35		0.3 / 0.5 / 1 / 1.6 / 2 / 3	16	16	16	16	16	16	16	
					4	16	16	16	16	16	16	16	
					6	16	T	T	T	T	T	T	

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2					
					Application	LineProtection					
					FrameSize	250A		400A			
					Tripunittype	ETU340	ETU345	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345
					Icu[kA]	55 / 85 / 110	55	55 / 85 / 110			55
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	160		250 / 400		250	
5SY4	LineProtection	D	20	10	20	T	T	T		T	T
					25	T	T	T		T	T
					32	T	T	T		T	T
			35		0.3 / 0.5 / 1 / 1.6 / 2 / 3	16	16	16		16	16
					4	16	16	16		16	16
					6	T	T	T		T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2				
					Application	LineProtection				
					FrameSize	630A			1000A	
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350	ETU345	ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU345
					Icu[kA]	55 / 85 / 110	55	55 / 85 / 110		55
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	400 / 630		400 / 500 / 630	630 / 800 / 1000	630 / 1000
5SY4	LineProtection	D	20	10	20	T	T	T	T	T
					25	T	T	T	T	T
					32	T	T	T	T	T
			35		0.3 / 0.5 / 1 / 1.6 / 2 / 3	16	16	16	T	T
					4	16	16	16	T	T
					6	T	T	T	T	T

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2	
					Application	LineProtection	
					FrameSize	1250A	1600A
					Tripunittype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU320 / ETU350 / ETU360 / ETU650 / ETU660
					Icu[kA]	55 / 85 / 110	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	1250	800 / 1000 / 1250 / 1600
5SY4	LineProtection	D	20	10	20	T	T
					25	T	T
					32	T	T
			35		0.3 / 0.5 / 1 / 1.6 / 2 / 3	T	T
					4	T	T
					6	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2												
					Application	LineProtection												
					FrameSize	160A												
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860				ETU320 / ETU330 / ETU560		ETU340						
					Icu[kA]	55 / 85 / 110				36		55 / 85 / 110						
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	25	40	63	100 / 160	160	25	40	63	100				
5SY6	LineProtection	B	15	6	10	6.4	T	T	T	T	T	T	T	T	T			
					13 / 16	5	T	T	T	T	7.1	T	T	T				
			30		2	T	T	T	T	T	T	T	T	T				
					4 / 6	16	T	T	T	T	T	T	T	T				
			B / C		10	40			T	T	T	T			T	T		
						20 / 25		10	T	T	T			T	T	T		
		B / C / D	10		50 / 63					T	T	T				T		
					32			T	T	T					T	T		
		C	15		8 / 10	6.4	T	T	T	T	T	T	T	T	T	T	T	
					13 / 15 / 16	5	T	T	T	T	T	7.1	T	T	T	T		
			30		0.3 / 0.5 / 1 / 1.6 / 2 / 3	T	T	T	T	T	T	T	T	T	T	T		
					4 / 5 / 6	9.8	T	T	T	T	T	T	T	T	T	T		
			D		10	40			9	T	T	T	T				T	T
						8	4.9	T	T	T	T	T	8.1	T	T	T	T	
		10				4.5	T	T	T	T	T	5.1	T	T	T	T		
		13				4.3	T	T	T	T	T	5.1	T	T	T	T		
		15			16	4	11	T	T	T	T	5.1	T	T	T	T		
					20		5.2	T	T	T	T		14	T	T	T		
					25		4.6	T	T	T	T		12	T	T	T		
					0.3 / 0.5 / 1 / 1.6 / 2 / 3	16	16	16	16	16	16	16	16	16	16	16		
		30	4		9.7	16	16	16	16	16	16	16	16	16	16			
			6		7.1	T	T	T	T	T	16	T	T	T	T			

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2				
					Application	LineProtection				
					FrameSize	250A				
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560	ETU340	ETU345
					Icu[kA]	55 / 85 / 110		36	55 / 85 / 110	55
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	160 / 250		250	160	
5SY6	LineProtection	B	15	6	10	T	T	T	T	
					13 / 16	T	T	T	T	
			30		2	T	T	T	T	
					4 / 6	T	T	T	T	
			10		40	T	T	T	T	
					20 / 25	T	T	T	T	
		15	50 / 63		T	T	T	T		
			32		T	T	T	T		
		C	15		8 / 10	T	T	T	T	
					13 / 15 / 16	T	T	T	T	
			30		0.3 / 0.5 / 1 / 1.6 / 2 / 3	T	T	T	T	
					4 / 5 / 6	T	T	T	T	
			D		10	40	T	T	T	T
						8	T	T	T	T
		10				T	T	T	T	
		13				T	T	T	T	
		15			16	T	T	T	T	
					20	T	T	T	T	
					25	T	T	T	T	
					0.3 / 0.5 / 1 / 1.6 / 2 / 3	16	16	16	16	
		30	4		16	16	16	16		
			6		T	T	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2										
					Application	LineProtection										
					FrameSize	400A			630A							
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345	ETU320 / ETU330 / ETU340 / ETU350		ETU345	ETU550 / ETU560 / ETU850 / ETU860			
					Icu[kA]	55 / 85 / 110			55		55 / 85 / 110		55		55 / 85 / 110	
					Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	250 / 400		250		400 / 630	
5SY6	LineProtection	B	15	6	10	T	T	T	T	T	T	T	T			
					13 / 16	T	T	T	T	T	T	T				
			30		2	T	T	T	T	T	T	T				
					4 / 6	T	T	T	T	T	T	T				
			B / C		10	40	T	T	T	T	T	T	T			
						20 / 25	T	T	T	T	T	T	T			
		B / C / D	10		50 / 63	T	T	T	T	T	T	T				
					32	T	T	T	T	T	T	T				
		C	15		8 / 10	T	T	T	T	T	T	T				
					13 / 15 / 16	T	T	T	T	T	T	T				
			30		0.3 / 0.5 / 1 / 1.6 / 2 / 3	T	T	T	T	T	T	T				
					4 / 5 / 6	T	T	T	T	T	T	T				
			D		10	40	T	T	T	T	T	T				
						8	T	T	T	T	T	T				
		10				T	T	T	T	T	T					
		13				T	T	T	T	T	T					
		15			16	T	T	T	T	T	T					
					20	T	T	T	T	T	T					
					25	T	T	T	T	T	T					
					0.3 / 0.5 / 1 / 1.6 / 2 / 3	16	16	16	16	16	16					
		30	4		16	16	16	16	16	16						
			6		T	T	T	T	T	T						



Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	1000A		1250A	1600A			
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU345	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU320 / ETU350 / ETU360 / ETU650 / ETU660	
					Icu[kA]	55 / 85 / 110		55	55 / 85 / 110			
					Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000	630 / 1000
5SY6	LineProtection	B	15	6	10	T	T	T	T			
					13 / 16	T	T	T	T			
			30		2	T	T	T	T			
					4 / 6	T	T	T	T			
			B / C		10	40	T	T	T	T		
						20 / 25	T	T	T	T		
		15	50 / 63		T	T	T	T				
			32		T	T	T	T				
		C	15		8 / 10	T	T	T	T			
					13 / 15 / 16	T	T	T	T			
			30		0.3 / 0.5 / 1 / 1.6 / 2 / 3	T	T	T	T			
					4 / 5 / 6	T	T	T	T			
			D		10	40	T	T	T	T		
						8	T	T	T	T		
		15			10	T	T	T	T			
					13	T	T	T	T			
					16	T	T	T	T			
					20	T	T	T	T			
					25	T	T	T	T			
					0.3 / 0.5 / 1 / 1.6 / 2 / 3	T	T	T	T			
		30			4	T	T	T	T			
					6	T	T	T	T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2											
					Application	LineProtection											
					FrameSize	160A											
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860				ETU320 / ETU330 / ETU560		ETU340					
					Icu[kA]	55 / 85 / 110				36		55 / 85 / 110					
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	25	40	63	100 / 160	160	25	40	63	100			
5SY7	LineProtection	B	25	15	20 / 25		10	T	T	T		17	T	T			
					32			T	T	T			T	T			
			10		6.4	T	T	T	T	24	T	T	T				
			40 / 30		6	16	T	T	T	T	T	T	T	T			
					40			T	T	T			T	T			
			B / C		20	50 / 63				T		T					T
		13 / 16				5	T	T	T	T	7.1	T	T	T			
		25			20 / 25		10	13	T	T				17	T	T	
		C	25		32			13	T	T		T				T	T
					8 / 10	6.4	T	T	T	T	24	T	T	T	T		
			40		3	T	T	T	T	T	T	T	T	T	T		
					4 / 6	9.8	T	T	T	T	T	T	T	T	T		
			50		0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	T	T	T	T	T	T	T	
					50 / 63				T	T							T
		D	15		20	40			9	T	T	T				13	T
						13	4.3	16	T	T	T	5.1	T	T	T		
						16	4	11	T	T	T	5.1	15	T	T		
			25		20		5.2	T	T	T		14	T	T			
					25		4.8	16	T	T		12	T	T			
					32			16	T	T				16	T		
			30		8	4.9	16	T	T	T	8.1	T	T	T			
					10	4.5	16	T	T	T	5.1	T	T	T			
					3	16	16	16	16	16	16	16	16	16			
					4	9.7	16	16	16	16	16	16	16	16			
					6	7.1	38	38	38	T	16	38	38	38			
					0.3 / 0.5 / 1 / 1.6 / 2	16	16	16	16	16	16	16	16	16			

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2				
					Application	LineProtection				
					FrameSize	250A				
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560	ETU340	ETU345
					Icu[kA]	55 / 85 / 110		36	55 / 85 / 110	55
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	160 / 250		250	160	
5SY7	LineProtection	B	25	15	20 / 25	T	T	T	T	
					32	T	T	T	T	
			10		T	T	T	T		
			6		T	T	T	T		
			B / C		20	40	T	T	T	T
						50 / 63	T	T	T	T
		C	25	15	13 / 16	T	T	T	T	
					20 / 25	T	T	T	T	
			32		T	T	T	T		
			8 / 10		T	T	T	T		
			3		T	T	T	T		
			4 / 6		T	T	T	T		
		D	50	15	0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	
					50 / 63	T	T	T	T	
			20		40	T	T	T	T	
					13	T	T	T	T	
			25		16	T	T	T	T	
					20	T	T	T	T	
					25	T	T	T	T	
					32	T	T	T	T	
			40		8	T	T	T	T	
					10	T	T	T	T	
					3	16	16	16	16	
					4	16	16	16	16	
					6	38	T	38	38	
					0.3 / 0.5 / 1 / 1.6 / 2	16	16	16	16	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2										
					Application	LineProtection										
					FrameSize	400A			630A							
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345	ETU320 / ETU330 / ETU340 / ETU350		ETU345	ETU550 / ETU560 / ETU850 / ETU860			
					Icu[kA]	55 / 85 / 110			55		55 / 85 / 110		55		55 / 85 / 110	
					Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	250 / 400		250		400 / 630	
5SY7	LineProtection	B	25	15	20 / 25	T	T	T	T	T	T	T	T			
					32	T	T	T	T	T	T					
			10		T	T	T	T	T	T	T					
			6		T	T	T	T	T	T	T					
			40		T	T	T	T	T	T	T					
			30		T	T	T	T	T	T	T					
		B/C	20	15	40	T	T	T	T	T	T	T	T	T		
					63	T	T	T	T	T	T	T				
			25		13 / 16	T	T	T	T	T	T	T				
			25		20 / 25	T	T	T	T	T	T	T				
			30		32	T	T	T	T	T	T	T				
			40		8 / 10	T	T	T	T	T	T	T				
		C	25	15	3	T	T	T	T	T	T	T	T			
					6	T	T	T	T	T	T	T				
			50		0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	T	T	T				
			15		50 / 63	T	T	T	T	T	T	T				
			20		40	T	T	T	T	T	T	T				
			25		13	T	T	T	T	T	T	T				
		D	25	15	16	T	T	T	T	T	T	T	T			
					20	T	T	T	T	T	T	T				
			25		20	T	T	T	T	T	T	T				
			25		25	T	T	T	T	T	T	T				
			30		32	T	T	T	T	T	T	T				
			30		8	T	T	T	T	T	T	T				
			40	25	15	10	T	T	T	T	T	T	T			
						3	16	16	16	16	16	16	16			
				4		16	16	16	16	16	16	16				
				6		38	38	38	38	38	38	38				
				50		0.3 / 0.5 / 1 / 1.6 / 2	16	16	16	16	16	16	16			
				50		16	16	16	16	16	16	16				

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	1000A		1250A	1600A			
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU345	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU320 / ETU350 / ETU360 / ETU650 / ETU660	
					Icu[kA]	55 / 85 / 110		55	55 / 85 / 110			
					Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000	630 / 1000
5SY7	LineProtection	B	25	15	20 / 25	T	T	T	T			
					32	T	T	T	T			
			10		T	T	T	T				
			B / C		40	6	T	T	T	T		
						40	T	T	T	T		
					20	50 / 63	T	T	T	T		
		C	25		13 / 16	T	T	T	T			
					20 / 25	T	T	T	T			
			32		T	T	T	T				
			40		8 / 10	T	T	T	T			
					3	T	T	T	T			
			50		4 / 6	T	T	T	T			
		D	15		0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T			
					50 / 63	T	T	T	T			
			20		40	T	T	T	T			
					13	T	T	T	T			
			25		16	T	T	T	T			
					20	T	T	T	T			
					25	T	T	T	T			
					32	T	T	T	T			
			30		8	T	T	T	T			
					10	T	T	T	T			
					40	3	T	T	T	T		
						4	T	T	T	T		
		50			6	T	T	T	T			
		0.3 / 0.5 / 1 / 1.6 / 2			T	T	T	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA2										
				Application	LineProtection										
				FrameSize	160A										
				Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860				ETU320 / ETU330 / ETU560		ETU340				
				Icu[kA]	55 / 85 / 110				36		55 / 85 / 110				
Productline	Application	Characteristic	Icu[kA]	In[A]	25	40	63	100 / 160	160	25	40	63	100		
5SY8	LineProtection	C	25	40			T	T	T			T	T		
				50 / 63				T	T					T	
			30	13	5	25	T	T	T	7.1	T	T	T	T	
				16	5	25	T	T	T		T	T	T	T	
				20 / 25		10	T	T	T		17	T	T	T	
				32			T	T	T				T	T	
			40	8 / 10	6.4	T	T	T	T	24	T	T	T	T	
				3	40	40	40	40	T	T	T	T	T	T	
			50	4	15	40	40	40	T	T	T	T	T	T	
				6	9.8	40	40	40	T	T	T	T	T	T	
				0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	T	T	T	T	T	T	
			D	20	50 / 63				T	T					T
					40			9	T	T			13	T	
				30	13	4.3	T	T	T	T	5.1	T	T	T	T
		16			4	11	T	T	T		T	T	T		
		20				5.2	T	T	T		14	T	T		
		25				4.8	25	T	T		12	T	T		
		32					20	T	T				T	T	
		40		8	4.9	T	T	T	T	8.1	T	T	T		
				10	4.5	T	T	T	T	5.1	T	T	T		
		50		3	40	40	40	40	T	40	40	40	40		
				4	9.7	40	40	40	T	40	40	40	40		
				6	7.1	40	40	40	T	40	40	40	40		
		70		0.3 / 0.5 / 1 / 1.6 / 2	40	40	40	40	T	40	40	40	40		

Molded case circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA2				
				Application	LineProtection				
				FrameSize	250A				
				Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560	ETU340	ETU345	
				Icu[kA]	55 / 85 / 110	36	55 / 85 / 110	55	
Productline	Application	Characteristic	Icu[kA]	In[A]	160 / 250	250	160		
5SY8	LineProtection	C	25	40	T	T	T	T	
				50 / 63	T	T	T	T	
			30	13	T	T	T	T	
				16	T	T	T	T	
				20 / 25	T	T	T	T	
				32	T	T	T	T	
			40	8 / 10	T	T	T	T	
				50	3	40	T	39	39
			4		40	T	39	39	
			6		40	T	39	39	
			70	0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	
			D	20	50 / 63	T	T	T	T
					25	40	T	T	T
				30		13	T	T	T
		16			T	T	T	T	
		20			T	T	T	T	
		25			T	T	T	T	
		40		32	T	T	T	T	
				8	T	T	38	38	
		10			T	T	38	38	
				50	3	40	T	16	16
		4			40	T	16	16	
		6			40	T	38	38	
		70		0.3 / 0.5 / 1 / 1.6 / 2	40	T	16	16	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA2						
				Application	LineProtection						
				FrameSize	400A			630A			
				Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU340	ETU345	ETU320 / ETU330 / ETU340 / ETU350	ETU345	ETU550 / ETU560 / ETU850 / ETU860	
				Icu[kA]	55 / 85 / 110		55	55 / 85 / 110	55	55 / 85 / 110	
Productline	Application	Characteristic	Icu[kA]	In[A]	250 / 400		250		400 / 630		400 / 500 / 630
5SY8	LineProtection	C	25	40	T	T	T	T	T	T	
				50 / 63	T	T	T	T	T		
			30	13	T	T	T	T	T		
				16	T	T	T	T	T		
				20 / 25	T	T	T	T	T		
				32	T	T	T	T	T		
			40	8 / 10	T	T	T	T	T		
				50	3	40	40	40	40	40	
			4		40	40	40	40	40		
			6		40	40	40	40	40		
			70	0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	T		
			D	20	50 / 63	T	T	T	T		
					25	40	T	T	T	T	
				30		13	T	T	T	T	
		16			T	T	T	T			
		20			T	T	T	T			
		25			T	T	T	T			
		32		T	T	T	T	T			
				40	8	T	T	T	T		
		10			T	T	T	T			
		50		3	40	40	40	40	40		
				4	40	40	40	40	40		
				6	40	40	40	40	40		
		70		0.3 / 0.5 / 1 / 1.6 / 2	40	40	40	40	40		



Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA2						
				Application	LineProtection						
				FrameSize	1000A		1250A	1600A			
				Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU345	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU320 / ETU350 / ETU360 / ETU650 / ETU660	
				Icu[kA]	55 / 85 / 110		55	55 / 85 / 110			
Productline	Application	Characteristic	Icu[kA]	In[A]	630 / 800 / 1000	630 / 1000	1250	800 / 1000 / 1250 / 1600			
5SY8	LineProtection	C	25	40	T	T	T	T			
				50 / 63	T	T	T	T			
			30	13	T	T	T	T			
				16	T	T	T	T			
				20 / 25	T	T	T	T			
				32	T	T	T	T			
				40	8 / 10	T	T	T	T		
					3	T	T	T	T		
			50	4	T	T	T	T			
				6	T	T	T	T			
				0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T			
			D	20	50 / 63	T	T	T	T		
					25	40	T	T	T	T	
				13		T	T	T	T		
				16		T	T	T	T		
				20		T	T	T	T		
				25		T	T	T	T		
				32		T	T	T	T		
		40		8	T	T	T	T			
				10	T	T	T	T			
		50		3	T	T	T	T			
				4	T	T	T	T			
				6	T	T	T	T			
		70		0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T			

## in combination with residual current protective device as downstream devices

### 3VA1 - 5SU

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2							Productline	3VA1																				
							Application	LineProtection																				
							FrameSize	100A					160A															
							Tripunitytype	TM210					TM210 / TM220 / TM240															
							Icu[kA]	16 / 25 / 36					25 / 36 / 55 / 70															
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40								
5SU1(RCBO)	FR/FN/FP	LineProtection	B / C	6	6	6					0.7	0.9	1.1	1.8	2.3						0.7							
						10					0.7	0.9	1.1	1.4	1.8									0.7				
						13					0.6	0.8	1	1.4	1.8											0.6		
						16					0.6	0.8	1	1.4	1.8												0.6	
						20					0.5	0.7	0.9	1.2	1.5													0.5
						25					0.5	0.7	0.8	1.2	1.5													0.5
						32										0.7	0.8	1.2	1.4									
			7.5	6	6	6	0.9	0.9	0.9	0.9	1.4	2	2.6	6	T	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.4			
						10	0.7	0.7	0.7	0.7	0.9	1.2	1.6	3.4	4.3	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9			
						13		0.7	0.7	0.7	0.9	1.2	1.5	3.1	3.8		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9		
						16			0.5	0.5	0.8	1	1.2	2.4	3			0.5	0.5	0.8							0.8	
						20				0.5	0.7	0.9	1.1	2	2.4					0.5	0.7						0.7	
						25					0.7	0.9	1.1	1.9	2.3													0.7
						32							0.9	1.1	1.8	2.2												
	15	10	10	6	0.9	0.9	0.9	0.9	1.4	2	2.6	6	7.5	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.4					
				10	0.7	0.7	0.7	0.7	0.9	1.2	1.6	3.4	4.3	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9					
				13		0.7	0.7	0.7	0.9	1.2	1.5	3.1	3.8		0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9				
				15 / 16			0.5	0.5	0.8	1	1.2	2.4	3			0.5	0.5	0.8							0.8			
				20				0.5	0.7	0.9	1.1	2	2.4					0.5	0.7						0.7			
				25					0.7	0.9	1.1	1.9	2.3													0.7		
				32							0.9	1.1	1.8	2.2														
	B	10	6	40								1	1.5	1.8														
				10	0.6	0.6	0.6	0.6	0.9	1.2	1.5	2.3	2.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9				
				13		0.6	0.6	0.6	0.8	1.1	1.3	2.1	2.5		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8				
				16			0.5	0.5	0.8	1	1.3	2	2.3			0.5	0.5	0.8							0.8			
				20				0.5	0.7	1	1.2	1.8	2.2					0.5	0.7						0.7			
		15	6	6	25				0.6	0.9	1.1	1.7	2												0.6			
					32						0.9	1	1.6	1.9														
40																												
10					0.6	0.6	0.6	0.6	0.9	1.2	1.5	2.3	2.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9			
13						0.6	0.6	0.6	0.8	1.1	1.3	2.1	2.5		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8			
16							0.5	0.5	0.8	1	1.3	2	2.3			0.5	0.5	0.8								0.8		
20	10	10	20				0.5	0.7	1	1.2	1.8	2.2											0.7					
			25					0.6	0.9	1.1	1.7	2												0.6				
			32						0.9	1	1.6	1.9																
			40																									
20	10	10	10	0.6	0.6	0.6	0.6	0.9	1.2	1.5	2.3	2.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9					
			13		0.6	0.6	0.6	0.8	1.1	1.3	2.1	2.5		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8					
			16			0.5	0.5	0.8	1	1.3	2	2.3			0.5	0.5	0.8							0.8				
			20				0.5	0.7	1	1.2	1.8	2.2					0.5	0.7						0.7				
			25					0.6	0.9	1.1	1.7	2													0.6			

Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA1														
						Application	LineProtection														
						FrameSize	160A					250A	400A		630A		1000A				
						Tripunittype	TM210 / TM220 / TM240					TM240	TM220	TM240	TM220	TM240					
						Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70	36 / 55 / 70 / 110	36 / 55 / 70 / 110	36 / 55 / 70 / 110	36 / 55 / 70 / 110	55 / 70 / 110				
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	125	160	160 / 200 / 250	320 / 400	500 / 630	630 / 800 / 1000					
5SU1(RCBO)	FR/FN/FP	LineProtection	B / C	6	6	6	0.9	1.1	1.8	2.3	4.2	5.2	T	T	T	T	T	T			
						10	0.9	1.1	1.4	1.8	3.3	4.4	T	T	T	T	T	T	T	T	
						13	0.8	1	1.4	1.8	3.3	4.1	T	T	T	T	T	T	T	T	T
						16	0.8	1	1.4	1.8	3	3.6	T	T	T	T	T	T	T	T	T
						20	0.7	0.9	1.2	1.5	2.8	3.3	T	T	T	T	T	T	T	T	T
						25	0.7	0.8	1.2	1.5	2.8	3.3	T	T	T	T	T	T	T	T	T
				7.5	6	32	0.7	0.8	1.2	1.4	2.6	3.1	T	T	T	T	T	T	T	T	
						6	2	2.6	6	T	T	T	T	T	T	T	T	T	T	T	
						10	1.2	1.6	3.4	4.3	T	T	T	T	T	T	T	T	T	T	
						13	1.2	1.5	3.1	3.8	T	T	T	T	T	T	T	T	T	T	
						16	1	1.2	2.4	3	T	T	T	T	T	T	T	T	T	T	
						20	0.9	1.1	2	2.4	5.8	7.4	T	T	T	T	T	T	T	T	
			15	10	10	25	0.9	1.1	1.9	2.3	5.5	7	T	T	T	T	T	T	T		
						32	0.9	1.1	1.8	2.2	4.7	5.9	T	T	T	T	T	T	T		
						6	2	2.6	6	7.5	T	T	T	T	T	T	T	T	T		
						10	1.2	1.6	3.4	4.3	14	T	T	T	T	T	T	T	T		
						13	1.2	1.5	3.1	3.8	11	13	T	T	T	T	T	T	T		
						15 / 16	1	1.2	2.4	3	7.9	9.7	T	T	T	T	T	T	T		
				15	6	10	20	0.9	1.1	2	2.4	5.8	7.4	T	T	T	T	T	T		
							25	0.9	1.1	1.9	2.3	5.5	7	T	T	T	T	T	T		
							32	0.9	1.1	1.8	2.2	4.7	5.9	T	T	T	T	T	T		
							40		1	1.5	1.8	3.1	3.9	T		T		T	T		
							10	1.2	1.5	2.3	2.6	5.3	6.5	T		T		T	T		
							13	1.1	1.3	2.1	2.5	4.5	5.5	T		T		T	T		
	20	6	10	16	1	1.3	2	2.3	4.3	5.4	T		T		T	T					
				20	1	1.2	1.8	2.2	3.8	4.8	T		T		T	T					
				25	0.9	1.1	1.7	2	3.5	4.4	T		T		T	T					
				32	0.9	1	1.6	1.9	3.4	4.1	T		T		T	T					
				40							T		T		T	T					
				10	1.2	1.5	2.3	2.6	5.3	6.7	T		T		T	T					
	10	10	10	13	1.1	1.3	2.1	2.5	4.5	5.5	T		T		T	T					
				16	1	1.3	2	2.3	4.3	5.4	T		T		T	T					
				20	1	1.2	1.8	2.2	3.8	4.8	T		T		T	T					
				25	0.9	1.1	1.7	2	3.5	4.4	T		T		T	T					
	20	10	10	32	0.9	1	1.6	1.9	3.4	4.1	T		T		T	T					
				40							T		T		T	T					
				10	1.2	1.5	2.3	2.6	5.3	6.7	T		T		T	T					
				13	1.1	1.3	2.1	2.5	4.5	5.5	T		T		T	T					
	20	10	10	16	1	1.3	2	2.3	4.3	5.4	T		T		T	T					
				20	1	1.2	1.8	2.2	3.8	4.8	T		T		T	T					
				25	0.9	1.1	1.7	2	3.5	4.4	T		T		T	T					
				32	0.9	1	1.6	1.9	3.4	4.1	T		T		T	T					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA1																					
						Application	LineProtection																					
						FrameSize	100A					160A																
						Tripunittype	TM210					TM210 / TM220 / TM240																
						Icu[kA]	16 / 25 / 36					25 / 36 / 55 / 70																
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40								
5SU1(RCBO)	-	LineProtection	B	25	6	6	0.8	0.8	0.8	0.8	1	1.5	1.9	3.1	4.2	0.8	0.8	0.8	0.8	1								
							0.8	0.8	0.8	0.8	1	1.5	1.9	3.1	4.2	0.8	0.8	0.8	0.8	1								
				C	10	4.5 / 6	40									0.9	1.4	1.7										
								15	4.5 / 6	8 / 10	0.6	0.6	0.6	0.6	0.8	1	1.2	2.1	2.6	0.6	0.6	0.6	0.6	0.6	0.8			
											10	4.5 / 6	13		0.5	0.5	0.5	0.7	0.9	1.1	1.8	2.3		0.5	0.5	0.5	0.7	
														20	16			0.5	0.5	0.7	0.9	1.1	1.8	2.3			0.5	0.5
			25													20				0.4	0.6	0.8	0.9	1.5	1.9			
					20	10	4.5 / 6	40									0.8	0.9	1.5	1.9								
			15						4.5 / 6	8 / 10	0.6	0.6	0.6	0.6	0.8	1	1.2	2.1	2.6	0.6	0.6	0.6	0.6	0.6	0.8			
											10	13		0.5	0.5	0.5	0.7	0.9	1.1	1.8	2.3		0.5	0.5	0.5	0.7		
													20	16			0.5	0.5	0.7	0.9	1.1	1.8	2.3			0.5	0.5	0.7
															25	20				0.4	0.6	0.8	0.9	1.5	1.9			
			25	10	4.5 / 6	6	0.7	0.7	0.7	0.7	0.9	1.2	1.5	2.6			3.1	0.7	0.7	0.7	0.7	0.7	0.9					
							15	4.5 / 6	10	0.7	0.7	0.7	0.7	0.9	1.2	1.5	2.6	3.1	0.7	0.7	0.7	0.7	0.7	0.9				
										20	16																	
												25	20															

Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA1												
						Application	LineProtection												
						FrameSize	160A					250A	400A		630A		1000A		
						Tripunittype	TM210 / TM220 / TM240					TM240	TM220	TM240	TM220	TM240			
						Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70	36 / 55 / 70 / 110	36 / 55 / 70 / 110	36 / 55 / 70 / 110	36 / 55 / 70 / 110	55 / 70 / 110		
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	125	160	160 / 200 / 250	320 / 400	500 / 630	630 / 800 / 1000			
5SU1(RCBO)	-	LineProtection	B	25	6	6	1.5	1.9	3.1	4.2	7.7	9.4	T		T		T		
				35	10		1.5	1.9	3.1	4.2	7.7	9.4	T		T		T		
			C	10	4.5 / 6	40	0.9	1.4	1.7	3.1	3.7	T		T		T		T	
					8 / 10		1	1.2	2.1	2.6	5.3	6.5	T		T		T		
				15	4.5 / 6	13	0.9	1.1	1.8	2.3	4.3	5.4	T		T		T		T
						16	0.9	1.1	1.8	2.3	4.3	5.4	T		T		T		T
						20	0.8	0.9	1.5	1.9	3.5	4.4	T		T		T		T
						25	0.8	0.9	1.5	1.9	3.5	4.4	T		T		T		T
						32	0.8	0.9	1.5	1.9	3.4	4.1	T		T		T		T
				20	10	40	0.9	1.4	1.7	3.1	3.7	T		T		T		T	
						8 / 10	1	1.2	2.1	2.6	5.3	6.5	T		T		T		
						13	0.9	1.1	1.8	2.3	4.3	5.4	T		T		T		
						16	0.9	1.1	1.8	2.3	4.3	5.4	T		T		T		
						20	0.8	0.9	1.5	1.9	3.5	4.4	T		T		T		
				25	4.5 / 6	6	1.2	1.5	2.6	3.1	7.7	9.4	T		T		T		T
						35	10	1.2	1.5	2.6	3.1	7.7	9.4	T		T		T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1													
					Application	LineProtection													
					FrameSize	100A							160A						
					Tripunittype	TM210							TM210 / TM220 / TM240						
					Icu[kA]	16 / 25 / 36							25 / 36 / 55 / 70						
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16 / 20	25 / 32	40	50	63	80	100	16 / 20	25 / 32	40	50	63	80	
5SU9(RCBO)	LineProtection	C	10	6 / 10	6	0.5	0.5	0.7	0.9	1.1	2.1	3	0.5	0.5	0.7	0.9	1.1	2.1	
					10	0.5	0.5	0.6	0.8	1	1.5	2	0.5	0.5	0.6	0.8	1	1.5	
					16		0.4	0.6	0.8	1	1.3	1.7		0.4	0.6	0.8	1	1.3	
					20 / 25			0.5	0.7	0.8	1.2	1.5			0.5	0.7	0.8	1.2	
					32				0.7	0.8	1.2	1.5				0.7	0.8	1.2	
					40					0.8	1.2	1.5					0.8	1.2	
					50						1.1	1.4						1.1	
		63								1.4							1.1		
		D		10	6	0.5	0.5	0.6	0.8	1	1.7	2.4	0.5	0.5	0.6	0.8	1	1.7	
					10	0.4	0.4	0.6	0.8	0.9	1.4	1.9	0.4	0.4	0.6	0.8	0.9	1.4	
					16			0.5	0.7	0.9	1.3	1.6			0.5	0.7	0.9	1.3	
					20 / 25			0.5	0.7	0.8	1.2	1.4			0.5	0.7	0.8	1.2	
					32						1	1.3						1	
					40						1	1.3						1	
50 / 63																			

Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1										
					Application	LineProtection										
					FrameSize	160A			250A		400A		630A			
					Tripunittype	TM210 / TM220 / TM240			TM240							
					Icu[kA]	25 / 36 / 55 / 70			36 / 55 / 70		36 / 55 / 70 / 110					
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100	125	160	160	200 / 250	320 / 400	500 / 630				
5SU9(RCBO)	LineProtection	C	10	6 / 10	6	3	5.2	7.5	T	T	T	T				
					10	2	4.9	6	T	T	T	T				
					16	1.7	3.9	4.8	T	T	T	T				
					20 / 25	1.5	2.9	3.8	T	T	T	T				
					32	1.5	2.9	3.8	T	T	T	T				
					40	1.5	2.9	3.4	T	T	T	T				
					50	1.4	2.4	2.9	T	T	T	T				
		D		10	6	2.4	4.8	6.3	T	T	T	T				
					10	1.9	4	5.3	T	T	T	T				
					16	1.6	3.8	4.8	T	T	T	T				
					20 / 25	1.4	2.9	3.6	T	T	T	T				
					32	1.3	2.5	3	T	T	T	T				
					40	1.3	2.4	2.8	9.2	T	T	T				
					50 / 63		2.1	2.6	8.6	T	T	T				

3VA1 - 5SV

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1													
					Application	LineProtection													
					FrameSize	100A						160A							
					Tripunittype	TM210						TM210 / TM220 / TM240							
					Icu[kA]	16 / 25 / 36						25	25 / 36 / 55 / 70						
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25 / 32	40	50	63	80	100	160	16	20	25 / 32	40	
5SV1(RCBO,1+N)	LineProtection	B	4.5	4.5	6	0.7	0.7	0.7	1	1.4	1.8	3.3	4.2	T	0.7	0.7	0.7	1	
					10	0.7	0.7	0.7	0.9	1.2	1.5	2.6	3.1	T	0.7	0.7	0.7	0.9	
					13		0.6	0.6	0.8	1.1	1.4	2.5	2.9	T		0.6	0.6	0.8	
			16			0.5	0.7	1	1.2	2.1	2.5	T			0.5	0.7			
			13		0.6	0.6	0.8	1.1	1.4	2.5	2.9	7.6		0.6	0.6	0.8			
			16			0.5	0.7	1	1.2	2.1	2.5	6.1			0.5	0.7			
		25																	
		35																	
		6	0.7	0.7	0.7	1	1.4	1.8	3.3	4.2	T	0.7	0.7	0.7	1				
		2	1.1	1.1	1.1	1.6	2.4	3.3	T	T	T	1.1	1.1	1.1	1.6				
		4	0.8	0.8	0.8	1.1	1.5	2	4	T	T	0.8	0.8	0.8	1.1				
		6	0.6	0.6	0.6	0.9	1.2	1.5	2.7	3.2	T	0.6	0.6	0.6	0.9				
	10	0.5	0.5	0.5	0.7	1	1.2	2.1	2.7	T	0.5	0.5	0.5	0.7					
	13		0.5	0.5	0.7	0.9	1.1	1.9	2.4	T		0.5	0.5	0.7					
	16			0.4	0.6	0.8	1	1.7	2.1	T			0.4	0.6					
	2	1.1	1.1	1.1	1.6	2.4	3.3	9.9	T	T	1.1	1.1	1.1	1.6					
	4	0.8	0.8	0.8	1.1	1.5	2	4	5.2	T	0.8	0.8	0.8	1.1					
	6	0.6	0.6	0.6	0.9	1.2	1.5	2.7	3.2	T	0.6	0.6	0.6	0.9					
	10	0.5	0.5	0.5	0.7	1	1.2	2.1	2.7	6.3	0.5	0.5	0.5	0.7					
	13		0.5	0.5	0.7	0.9	1.1	1.9	2.4	6.1		0.5	0.5	0.7					
	16			0.4	0.6	0.8	1	1.7	2.1	4.8			0.4	0.6					



Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1											
					Application	LineProtection											
					FrameSize	160A					250A	400A	630A	1000A			
					Tripunittype	TM210 / TM220 / TM240					TM240	TM220 / TM240		TM240			
					Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70		36 / 55 / 70 / 110		55 / 70 / 110		
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	125	160	160 / 200 / 250	320 / 400	500 / 630	630 / 800 / 1000		
5SV1(RCBO,1+N)	LineProtection	B	4.5	4.5	6	1.4	1.8	3.3	4.2	T	T	T	T	T	T		
					10	1.2	1.5	2.6	3.1	T	T	T	T	T	T		
					13	1.1	1.4	2.5	2.9	T	T	T	T	T	T		
					16	1	1.2	2.1	2.5	T	T	T	T	T	T		
			6	13	1.1	1.4	2.5	2.9	6	7.6	T	T	T	T			
				16	1	1.2	2.1	2.5	4.9	6.1	T	T	T	T			
				10	1.2	1.5	2.6	3.1	7.5	9.8	T	T	T	T			
		C	4.5	4.5	10	6	6	1.4	1.8	3.3	4.2	12	28	T	T	T	T
							2	2.4	3.3	T	T	T	T	T	T	T	T
							4	1.5	2	4	T	T	T	T	T	T	T
							6	1.2	1.5	2.7	3.2	T	T	T	T	T	T
			10	1			1.2	2.1	2.7	T	T	T	T	T	T		
			13	0.9			1.1	1.9	2.4	T	T	T	T	T	T		
			16	0.8			1	1.7	2.1	4.1	T	T	T	T	T		
	C	10	6	2	2.4	3.3	9.9	T	T	T	T	T	T	T	T		
				4	1.5	2	4	5.2	T	T	T	T	T	T			
				6	1.2	1.5	2.7	3.2	8.6	T	T	T	T	T			
				10	1	1.2	2.1	2.7	5	6.3	T	T	T	T			
				13	0.9	1.1	1.9	2.4	4.9	6.1	T	T	T	T			
				16	0.8	1	1.7	2.1	4.1	4.8	T	T	T	T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA1													
				Application	LineProtection													
				FrameSize	100A						160A							
				Tripunittype	TM210						TM210 / TM220 / TM240							
				Icu[kA]	16 / 25 / 36						25 / 36 / 55 / 70							
Productline	Application	Characteristic	Icu[kA]	In[A]	16	20	25	32	40	50	63	80	100	16	20	25	32	40
5SV60	LineProtection	B	6	6	0.7	0.7	0.7	0.7	1	1.5	1.9	3.3	4.2	0.7	0.7	0.7	0.7	1
				10	0.6	0.6	0.6	0.6	0.8	1.2	1.5	2.5	2.9	0.6	0.6	0.6	0.6	0.8
				13		0.6	0.6	0.6	0.8	1	1.3	2.3	2.7		0.6	0.6	0.6	0.8
				16			0.5	0.5	0.7	1	1.3	2.2	2.5			0.5	0.5	0.7
				20				0.5	0.7	0.9	1.2	2	2.3				0.5	0.7
				25					0.7	0.9	1.1	1.8	2.2					0.7
				32						0.8	1	1.7	2					
				40							1	1.6	1.9					
		C		6	0.6	0.6	0.6	0.6	0.8	1.2	1.5	2.7	3.2	0.6	0.6	0.6	0.6	0.8
				10	0.6	0.6	0.6	0.6	0.8	1	1.3	2.2	2.6	0.6	0.6	0.6	0.6	0.8
				13		0.5	0.5	0.5	0.7	0.9	1.2	2	2.4		0.5	0.5	0.5	0.7
				16			0.4	0.4	0.6	0.8	1	1.8	2.2			0.4	0.4	0.6
				20				0.4	0.6	0.8	1	1.7	2.1				0.4	0.6
				25					0.6	0.8	1	1.7	2.1					0.6
				32						0.8	1	1.7	2					
				40							0.9	1.5	1.9					

Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA1									
				Application	LineProtection									
				FrameSize	160A					250A	400A	630A	1000A	
				Tripunittype	TM210 / TM220 / TM240					TM240	TM220 / TM240		TM240	
				Icu[kA]	25 / 36 / 55 / 70					36 / 55 / 70	36 / 55 / 70 / 110		55 / 70 / 110	
Productline	Application	Characteristic	Icu[kA]	In[A]	50	63	80	100	125	160	160 / 200 / 250	320 / 400	500 / 630	630 / 800 / 1000
5SV60	LineProtection	B	6	6	1.5	1.9	3.3	4.2	T	T	T	T	T	T
				10	1.2	1.5	2.5	2.9	T	T	T	T	T	T
				13	1	1.3	2.3	2.7	5.7	T	T	T	T	T
				16	1	1.3	2.2	2.5	4.9	T	T	T	T	T
				20	0.9	1.2	2	2.3	4.4	5.4	T	T	T	T
				25	0.9	1.1	1.8	2.2	4.2	4.9	T	T	T	T
				32	0.8	1	1.7	2	3.6	4.5	T	T	T	T
				40		1	1.6	1.9	3.3	3.9	T	T	T	T
	C	6	6	6	1.2	1.5	2.7	3.2	T	T	T	T	T	T
				10	1	1.3	2.2	2.6	5.7	T	T	T	T	
				13	0.9	1.2	2	2.4	4.8	5.8	T	T	T	T
				16	0.8	1	1.8	2.2	4.1	4.9	T	T	T	T
				20	0.8	1	1.7	2.1	3.7	4.5	T	T	T	T
				25	0.8	1	1.7	2.1	3.6	4.4	T	T	T	T
				32	0.8	1	1.7	2	3.6	4.4	T	T	T	T
				40		0.9	1.5	1.9	3.3	3.9	T	T	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1												
					Application	LineProtection												
					FrameSize	100A						160A						
					Tripunittype	TM210						TM210 / TM220 / TM240						
					Icu[kA]	16 / 25 / 36						25 / 36 / 55 / 70						
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16 / 20	25	32	40	50	63	80	100	16 / 20	25	32	40	50
5SV9(RCBO,1+N)	LineProtection	B	6	6	6	0.7	0.7	0.7	0.9	1.5	1.9	3.6	4.7	0.7	0.7	0.7	0.9	1.5
					10	0.5	0.5	0.5	0.7	1	1.3	2.4	2.9	0.5	0.5	0.5	0.7	1
					16		0.5	0.5	0.7	0.9	1.1	2.1	2.6		0.5	0.5	0.7	0.9
					20			0.5	0.6	0.8	1.1	1.9	2.4			0.5	0.6	0.8
					25				0.6	0.8	1	1.7	2.2				0.6	0.8
					32					0.8	1	1.6	2.1					0.8
		C	4.5	4.5	6		0.5	0.5	0.5	1.1	1.3	2.1	2.4		0.5	0.5	0.5	1.1
					10		0.5	0.5	0.5	0.9	1.1	1.5	1.9		0.5	0.5	0.5	0.9
					16		0.5	0.5	0.5	0.6	0.8	1.5	1.9		0.5	0.5	0.5	0.6
					20				0.5	0.6	0.8	1.5	1.9				0.5	0.6
					25				0.5	0.6	0.8	1.2	1.5				0.5	0.6
					32					0.6	0.7	1.2	1.5					0.6
	C	6	6	6		0.5	0.5	0.5	1.1	1.3	2.1	2.4		0.5	0.5	0.5	1.1	
				10		0.5	0.5	0.5	0.9	1.1	1.5	1.9		0.5	0.5	0.5	0.9	
				16		0.5	0.5	0.5	0.6	0.8	1.5	1.9		0.5	0.5	0.5	0.6	
				20				0.5	0.6	0.8	1.5	1.9				0.5	0.6	
				25				0.5	0.6	0.8	1.2	1.5				0.5	0.6	
				32					0.6	0.7	1.2	1.5					0.6	

Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1								
					Application	LineProtection								
					FrameSize	160A				250A	400A	630A		
					Tripunittype	TM210 / TM220 / TM240				TM240	TM220 / TM240			
					Icu[kA]	25 / 36 / 55 / 70				36 / 55 / 70	36 / 55 / 70 / 110			
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	160	160 / 200 / 250	320 / 400	500 / 630	
5SV9(RCBO,1+N)	LineProtection	B	6	6	6	1.9	3.6	4.7	T	T	T	T	T	
					10	1.3	2.4	2.9	T	T	T	T	T	
					16	1.1	2.1	2.6	5.4	T	T	T	T	
					20	1.1	1.9	2.4	4.9	T	T	T	T	
					25	1	1.7	2.2	4.1	4.9	T	T	T	
					32	1	1.6	2.1	3.8	4.6	T	T	T	
		C	4.5	4.5	6	1.3	2.1	2.4	T	T	T	T	T	T
					10	1.1	1.5	1.9	T	T	T	T	T	
					16	0.8	1.5	1.9	3.6	T	T	T	T	
					20	0.8	1.5	1.9	3.4	4.1	T	T	T	
					25	0.8	1.2	1.5	3.1	3.6	T	T	T	
					32	0.7	1.2	1.5	3.1	3.6	T	T	T	
	6	6	6	1.3	2.1	2.4	T	T	T	T	T	T		
			10	1.1	1.5	1.9	4.7	T	T	T	T			
			16	0.8	1.5	1.9	3.6	4.5	T	T	T			
			20	0.8	1.5	1.9	3.4	4.1	T	T	T			
			25	0.8	1.2	1.5	3.1	3.6	T	T	T			
			32	0.7	1.2	1.5	3.1	3.6	T	T	T			

3VA2 - 5SU

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2							
						Application	LineProtection							
						FrameSize	160A							
						Tripunitytype	ETU320 / ETU330	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			ETU320 / ETU330 / ETU560		ETU340	
						Icu[kA]	55 / 85 / 110			36		55 / 85 / 110		
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	25	40	63 / 100 / 160	160	25	40	63 / 100	
5SU1 (RCBO)	FR/FN/FP	LineProtection	B / C	6	6	6	2.3	T	T	T	2.3	T	T	
						10 / 13 / 16	2.3	4.2	T	T	2.3	T	T	
						20 / 25		4.2	T	T		4.2	T	
				6 / 7.5			T	T			T			
				6 / 10 / 13 / 16	T	T	T	T	T	T	T			
				20 / 25		T	T	T		T	T			
			15	10	6 / 10 / 13	T	T	T	T	T	T	T		
					15 / 16	10	T	T	T	T	T			
					20 / 25		T	T	T		T	T		
				32			T	T			T			
				6	10	6.4	T	T		T	T	T		
					13 / 16	5	T	T		7.1	T	T		
	20 / 25		10		T			T	T					
	B	10	32			T			T					
			10	6.4	T	T		T	T					
			10	10	T	T		T	T					
		6	6	10	T	T		T	T					
			40			T	T			T				
			32 / 40			T	T			T				
	B / C	10	15			13 / 16	5	T	T		7.1	T	T	
			20			20 / 25		10	T			17	T	
		20	6	10	T	T		T	T		T	T	T	
			35							T	T		T	T
	C			4.5	40				T				T	

Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2						
						Application	LineProtection						
						FrameSize	160A		250A				
						Tripunitytype	ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560	ETU340	ETU345
						Icu[kA]	55 / 85	110	55 / 85 / 110		36	55 / 85 / 110	55
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	25		160 / 250		250	160	
5SU1 (RCBO)	FR/FN/FP	LineProtection	B/C	6	6	6	2.3	2.3	T	T	T	T	T
						10 / 13 / 16	2.3	2.3	T	T	T	T	
						20 / 25			T	T	T	T	
				7.5	6	6 / 7.5			T	T	T	T	
						6 / 10 / 13 / 16	T	T	T	T	T	T	
						20 / 25			T	T	T	T	
			15	10	6 / 10 / 13	T	T	T	T	T	T		
					15 / 16	10	10	T	T	T	T		
					20 / 25			T	T	T	T		
					32			T	T	T	T		
					B	6	10	6.4	6.4	T		T	
							13 / 16	5	5	T		T	
	20 / 25			T				T					
	32			T				T					
	B/C	10	6	10	6.4	6.4	T		T				
				6	10	10	T		T				
				40			T		T				
		20	10	32 / 40			T		T				
				13 / 16	5	5	T		T				
				20 / 25			T		T				
	C	10	4.5	6	10	10	T		T				
				40			T		T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2								
						Application	LineProtection								
						FrameSize	400A			630A					
						Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345	ETU320 / ETU330 / ETU340 / ETU350		ETU345	ETU550 / ETU560 / ETU850 / ETU860	
						Icu[kA]	55 / 85 / 110			55		55 / 85 / 110		55	
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	250 / 400		250		400 / 630		400 / 500 / 630		
5SU1 (RCBO)	FR/FN/FP	LineProtection	B / C	6	6	6	T	T	T	T	T	T	T		
						10 / 13 / 16	T	T	T	T	T	T			
						20 / 25	T	T	T	T	T	T			
				6 / 7.5	7.5	32	T	T	T	T	T				
				6 / 10 / 13 / 16		T	T	T	T	T					
				20 / 25		T	T	T	T	T					
			15	10	6 / 10 / 13	T	T	T	T	T					
					15 / 16	T	T	T	T	T					
					20 / 25	T	T	T	T	T					
				32	T	T	T	T	T						
				6	10	T	T	T	T	T					
					13 / 16	T	T	T	T	T					
	20 / 25	T	T		T	T	T								
	B	15	6	32	T	T	T	T							
				10	T	T	T	T							
				10	T	T	T	T							
		20	10	10	T	T	T	T							
				6	T	T	T	T							
				40	T	T	T	T							
	B / C	15	10	32 / 40	T	T	T	T							
				13 / 16	T	T	T	T							
		20	10	20 / 25	T	T	T	T							
				6	T	T	T	T							
	C	10	35	4.5	40	T	T	T	T						



Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2						
						Application	LineProtection						
						FrameSize	1000A		1250A	1600A			
						Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU345	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU320 / ETU350 / ETU360 / ETU650 / ETU660	
						Icu[kA]	55 / 85 / 110		55	55 / 85 / 110			
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000	630 / 1000	1250	800 / 1000 / 1250 / 1600			
5SU1 (RCBO)	FR/FN/FP	LineProtection	B / C	6	6	6	T	T	T	T			
						10 / 13 / 16	T	T	T	T			
						20 / 25	T	T	T	T			
						32	T	T	T	T			
						6 / 10 / 13 / 16	T	T	T	T			
						20 / 25	T	T	T	T			
						6 / 10 / 13	T	T	T	T			
			15	10	6 / 10 / 13	T	T	T	T				
					15 / 16	T	T	T	T				
					20 / 25	T	T	T	T				
					32	T	T	T	T				
					10	6	10	T			T		
							13 / 16	T			T		
							20 / 25	T			T		
	20	10	32	T			T						
			10	T			T						
			6	6	T			T					
				40	T			T					
	15	10	32 / 40	T			T						
			13 / 16	T			T						
			20 / 25	T			T						
			6	T			T						
	10	10	35	T			T						
			4.5	40	T			T					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2							
						Application	LineProtection							
						FrameSize	160A							
						Tripunitytype	ETU320 / ETU330	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			ETU320 / ETU330 / ETU560		ETU340	
						Icu[kA]	55 / 85 / 110			36		55 / 85 / 110		
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	25	40	63 / 100 / 160	160	25	40	63 / 100	
5SU1(RCBO)	-	LineProtection	C	15	4.5 / 6	8 / 10	6.4	T	T		T	T	T	
						13 / 16	5	T	T		7.1	T	T	
						20		10	T		T	T		
						25		10	T		T	T		
						32		T			T			
				20	10	8 / 10	6.4	T	T		T	T	T	
				25	4.5 / 6	6	10	T	T		T	T	T	

Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2						
						Application	LineProtection						
						FrameSize	160A		250A				
						Tripunitytype	ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560	ETU340	ETU345
						Icu[kA]	55 / 85	110	55 / 85 / 110		36	55 / 85 / 110	55
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	25		160 / 250		250	160	
5SU1(RCBO)	-	LineProtection	C	15	4.5 / 6	8 / 10	6.4	6.4	T			T	
						13 / 16	5	5	T			T	
						20		4.1	T			T	
						25			T			T	
						32			T			T	
				20	10	8 / 10	6.4	6.4	T			T	
				25	4.5 / 6	6	10	10	T			T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2							Productline	3VA2								
							Application	LineProtection								
							FrameSize	400A			630A					
							Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU345	ETU320 / ETU330 / ETU340 / ETU350		ETU345	ETU550 / ETU560 / ETU850 / ETU860	
							Icu[kA]	55 / 85 / 110			55		55 / 85 / 110		55	
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	250 / 400		250		400 / 630		400 / 500 / 630			
5SU1(RCBO)	-	LineProtection	C	15	4.5 / 6	8 / 10	T	T		T		T				
						13 / 16	T	T		T		T				
						20	T	T		T		T				
						25	T	T		T		T				
						32	T	T		T		T				
				20	10	8 / 10	T	T		T		T				
				25	4.5 / 6	6	T	T		T		T				

Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2						
						Application	LineProtection						
						FrameSize	1000A		1250A	1600A			
						Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU345	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU320 / ETU350 / ETU360 / ETU650 / ETU660	
						Icu[kA]	55 / 85 / 110		55	55 / 85 / 110			
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000	630 / 1000	1250	800 / 1000 / 1250 / 1600			
5SU1(RCBO)	-	LineProtection	C	15	4.5 / 6	8 / 10	T			T			
						13 / 16	T			T			
						20	T			T			
						25	T			T			
						32	T			T			
				20	10	8 / 10	T			T			
				25	4.5 / 6	6	T			T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2							
					Application	LineProtection							
					FrameSize	160A							
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860				ETU340			
					Icu[kA]	55 / 85 / 110							
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	25	40	63	100 / 160	25	40	63	100
5SU9(RCBO)	LineProtection	C	10	6 / 10	6	5.6	T	T	T	6.7	T	T	T
					10	5.2	T	T	T	5.9	T	T	T
					16	4.4	7.3	T	T	5.3	T	T	T
					20 / 25		6.5	T	T	7.4	T	T	
					32 / 40			T	T		T	T	
					50 / 63			T				T	
		D		10	6	5.4	T	T	T	8.7	T	T	T
					10	4.8	T	T	T	7.1	T	T	T
					16	4.5	7.2	T	T	5.3	T	T	T
					20 / 25		5.9	T	T	8	T	T	
					32			9.6	T			T	T
					40			7.4	T			T	T
					50 / 63				T				T

Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2					
					Application	LineProtection					
					FrameSize	250A		400A			
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340
					Icu[kA]	55 / 85 / 110					
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	160 / 250	160	250 / 400	250		
5SU9(RCBO)	LineProtection	C	10	6 / 10	6	T	T	T	T		
					10	T	T	T	T		
					16	T	T	T	T		
					20 / 25	T	T	T	T		
					32 / 40	T	T	T	T		
					50 / 63	T	T	T	T		
		D		10	6	T	T	T	T		
					10	T	T	T	T		
					16	T	T	T	T		
					20 / 25	T	T	T	T		
					32	T	T	T	T		
					40	T	T	T	T		
					50 / 63	T	T	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2			
					Application	LineProtection			
					FrameSize	630A		1000A	1600A
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350	ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU320 / ETU350 / ETU360 / ETU650 / ETU660
					Icu[kA]	55 / 85 / 110			
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	400 / 630	400 / 500 / 630	630 / 800 / 1000	800 / 1000 / 1250 / 1600
5SU9(RCBO)	LineProtection	C	10	6 / 10	6	T	T	T	T
					10	T	T	T	T
					16	T	T	T	T
					20 / 25	T	T	T	T
					32 / 40	T	T	T	T
					50 / 63	T	T	T	T
		D		10	6	T	T	T	T
					10	T	T	T	T
					16	T	T	T	T
					20 / 25	T	T	T	T
					32	T	T	T	T
					40	T	T	T	T
					50 / 63	T	T	T	T



Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

**3VA2 - 5SV**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	160A						
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			ETU320 / ETU330 / ETU560		ETU340	
					Icu[kA]	55 / 85 / 110			36		55 / 85 / 110	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	25	40	63 / 100 / 160	160	25	40 / 63 / 100	
5SV1(RCBO,1+N)	LineProtection	B	4.5	4.5	6 / 10 / 13	T	T	T	T	T	T	
					13	8.2	T	T	T	7.1	T	
			6	15	16		7	T	T	T		T
					10	10	T	T	T	7.5	T	
					6	T	T	T	T	T	T	
		B / C	4.5	4.5	16		T	T	T	T		T
					2 / 4 / 6 / 10 / 13	T	T	T	T	T	T	T
		C	10	6	2 / 4 / 6	T	T	T	T	T	T	T
					10	6.1	T	T	T	7.5	T	
					13	5.9	T	T	T	7.1	T	
					16		7	T	T		T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2		
					Application	LineProtection		
					FrameSize	250A		
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560	ETU340
					Icu[kA]	55 / 85 / 110	36	55 / 85 / 110
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	160 / 250	250	160
5SV1(RCBO,1+N)	LineProtection	B	4.5	4.5	6 / 10 / 13	T	T	T
					13	T	T	T
			6	16	T	T	T	
				10	T	T	T	
				6	T	T	T	
		B / C	4.5	4.5	16	T	T	T
					2 / 4 / 6 / 10 / 13	T	T	T
		C	10	6	2 / 4 / 6	T	T	T
					10	T	T	T
					13	T	T	T
					16	T	T	T

Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2				
					Application	LineProtection				
					FrameSize	400A		630A		
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU320 / ETU330 / ETU340 / ETU350	ETU550 / ETU560 / ETU850 / ETU860
					Icu[kA]	55 / 85 / 110				
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	250 / 400	250	400 / 630	400 / 500 / 630	
5SV1(RCBO,1+N)	LineProtection	B	4.5	4.5	6 / 10 / 13	T	T	T	T	
					13	T	T	T	T	
			6	15	16	T	T	T	T	
				25	10	T	T	T	T	
				35	6	T	T	T	T	
		B / C	4.5	4.5	16	T	T	T	T	
					2 / 4 / 6 / 10 / 13	T	T	T	T	
		C	10	6	2 / 4 / 6	T	T	T	T	
					10	T	T	T	T	
					13	T	T	T	T	
					16	T	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2		
					Application	LineProtection		
					FrameSize	1000A	1600A	
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU320 / ETU350 / ETU360 / ETU650 / ETU660	
					Icu[kA]	55 / 85 / 110		
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000	800 / 1000 / 1250 / 1600	
5SV1(RCBO,1+N)	LineProtection	B	4.5	4.5	6 / 10 / 13	T	T	
			6	15	6	13	T	T
				16		T	T	
				10		T	T	
				6		T	T	
		B / C	4.5	4.5	16	T	T	
			4.5		2 / 4 / 6 / 10 / 13	T	T	
		C	10	6	2 / 4 / 6	T	T	
					10	T	T	
					13	T	T	
					16	T	T	

Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA2							
				Application	LineProtection							
				FrameSize	160A							
				Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			ETU320 / ETU330 / ETU560		ETU340		
				Icu[kA]	55 / 85 / 110			36		55 / 85 / 110		
Productline	Application	Characteristic	Icu[kA]	In[A]	25	40	63 / 100 / 160	160	25	40	63 / 100	
5SV60	LineProtection	B	6	6 / 10 / 13	T	T	T	T	T	T	T	
				16	5.4	T	T	T	T	T	T	
				20 / 25		T	T	T		T	T	
				32 / 40			T	T			T	
		C		6 / 10	T	T	T	T	T	T	T	T
				13	5.2	T	T	T	T	T	T	
				16	4.5	T	T	T	5.1	T	T	
				20 / 25		5.5	T	T		T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA2			
				Application	LineProtection			
				FrameSize	250A			
				Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560	ETU340	ETU345
				Icu[kA]	55 / 85 / 110	36	55 / 85 / 110	55
Productline	Application	Characteristic	Icu[kA]	In[A]	160 / 250	250	160	
5SV60	LineProtection	B	6	6 / 10 / 13	T	T	T	T
				16	T	T	T	T
				20 / 25	T	T	T	T
				32 / 40	T	T	T	T
		C		6 / 10	T	T	T	T
				13	T	T	T	T
				16	T	T	T	T
				20 / 25	T	T	T	T

Molded case circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA2						
				Application	LineProtection						
				FrameSize	400A			630A			
				Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU340	ETU345	ETU320 / ETU330 / ETU340 / ETU350	ETU345	ETU550 / ETU560 / ETU850 / ETU860	
				Icu[kA]	55 / 85 / 110		55	55 / 85 / 110	55	55 / 85 / 110	
Productline	Application	Characteristic	Icu[kA]	In[A]	250 / 400		250		400 / 630		400 / 500 / 630
5SV60	LineProtection	B	6	6 / 10 / 13	T	T	T	T	T	T	T
				16	T	T	T	T	T	T	
				20 / 25	T	T	T	T	T	T	
				32 / 40	T	T	T	T	T	T	
		C		6 / 10	T	T	T	T	T	T	
				13	T	T	T	T	T	T	
				16	T	T	T	T	T	T	
				20 / 25	T	T	T	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3VA2					
				Application	LineProtection					
				FrameSize	1000A		1250A	1600A		
				Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU345	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860		ETU320 / ETU350 / ETU360 / ETU650 / ETU660
				Icu[kA]	55 / 85 / 110		55	55 / 85 / 110		
Productline	Application	Characteristic	Icu[kA]	In[A]	630 / 800 / 1000	630 / 1000	1250	800 / 1000 / 1250 / 1600		
5SV60	LineProtection	B	6	6 / 10 / 13	T	T	T	T		
				16	T	T	T	T		
				20 / 25	T	T	T	T		
				32 / 40	T	T	T	T		
		C		6 / 10	T	T	T	T		
				13	T	T	T	T		
				16	T	T	T	T		
				20 / 25	T	T	T	T		



Molded case circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

## in combination with NH-fuse system as downstream devices

### 3VA1 - 3NA

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA1																	
						Application	LineProtection																	
						FrameSize	100A					160A												
						Tripunittype	TM210					TM210 / TM220 / TM240												
						Icu[kA]	16 / 25 / 36					25 / 36 / 55 / 70												
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	16 / 20 / 25	32	40	50	63	80	100	16 / 20 / 25	32	40	50	63	80					
3NA	LineProtection	NH000	gG	400 / 500	120	10	T	T	T	T	T	T	T	T	T	T	T	T	T					
						125																		
						160																		
						63																		
						80 / 100																		
						16 / 20		T	T	T	T	T			T	T	T			T	T	T	T	T
		25					1	T	T	T								1	T	T	T	T		
		32							T	T											T	T		
		35							1	T											1	T		
		40											T	T									T	
		50												1	1								1	
		2 / 4 / 6 / 10		T		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
	125																							
	160																							
	35									1	T	T							1	T				
	50										1	1								1				
	63																							
	40											T	T							T				
	80 / 100																							
	6 / 10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	25			3	T	T	T									3	T	T	T	T				
	32 / 35											T	T							T				
	40											2	T							2				
	50											1	1.3							1				
63																								
80																								
100																								
NH0	NH00 / NH2	500	gG	400 / 500 / 690	120	6 / 10	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
						25			3	T	T	T				3	T	T	T					
						32 / 35										T	T						T	
						40										2	T						2	
						50										1	1.3						1	
						63																		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA1															
						Application	LineProtection															
						FrameSize	160A			250A			400A	630A		1000A						
						Tripunitytype	TM210 / TM220 / TM240			TM240			TM220 / TM240			TM240						
						Icu[kA]	25 / 36 / 55 / 70			36 / 55 / 70			36 / 55 / 70 / 110			55 / 70 / 110						
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	100	125	160	160	200	250	320 / 400	500	630	630	800	1000				
3NA	LineProtection	NH000	gG	400 / 500 / 690	120	10	T	T	T	T	T	T	T	T	T	T	T	T				
						125					9	T	T	T	T	T	T	T	T			
						160										T	T	T	T	T	T	
						63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
						80 / 100				T	T	T	T	T	T	T	T	T	T	T	T	T
						16 / 20	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
		25		T		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		32		T		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		35		T		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		40		T		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		50		1		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		2 / 4 / 6 / 10		T		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
	125										T	T	T	T	T	T	T	T				
	160													T	T	T	T	T				
	35	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	50	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	40	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	80 / 100									T	T	T	T	T	T	T	T	T				
	6 / 10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	25	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	32 / 35	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	40	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	50	1.3	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T					
80			1.5	T	T	T	T	T	T	T	T	T	T	T	T	T	T					
100				T	T	T	T	T	T	T	T	T	T	T	T	T	T					

Molded case circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						3VA1																				
						LineProtection																				
						100A						160A														
						TM210						TM210 / TM220 / TM240														
						Icu[kA] 16 / 25 / 36						25 / 36 / 55 / 70														
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	16 / 20 / 25	32	40	50	63	80	100	16 / 20 / 25	32	40	50	63	80							
3NA	LineProtection	NH0 / NH1	gG	500	120	125																				
						160																				
						16 / 20		T	T	T	T	T	T		T	T	T	T	T							
		NH1		400 / 500		35 / 40											T							T		
						224																				
						250																				
		NH1 / NH2		400 / 500 / 690		NH1	400 / 500 / 690	50									1									
								63																		
								80																		
								100																		
								25																		
								500																		
		NH2		400 / 500 / 690		NH2	400 / 500 / 690	125																		
								160 / 200																		
								50												1						
	63																									
	250 / 300 / 315 / 355																									
	400																									
	NH3	500 / 690	NH3	500 / 690	224																					
					35																					
					250 / 300 / 315																					
					200																					
					224																					
					300 / 315																					
					250																					
					355																					
					400																					
	425																									
	690																									
							315																			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA1																
						Application	LineProtection																
						FrameSize	160A			250A			400A	630A		1000A							
						Tripunitytype	TM210 / TM220 / TM240			TM240			TM220 / TM240			TM240							
						Icu[kA]	25 / 36 / 55 / 70			36 / 55 / 70			36 / 55 / 70 / 110			55 / 70 / 110							
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	100	125	160	160	200	250	320 / 400	500	630	630	800	1000					
3NA	LineProtection	NH0 / NH1	gG	500	120	125					T	T	T	T	T	T	T	T					
						160								T	T	T	T	T	T	T			
						16 / 20	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
						35 / 40	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
						224													T	T	T	T	T
						250															T	T	T
						50	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
		63		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
		80			3.1	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
		100				T	T	T	T	T	T	T	T	T	T	T	T	T	T				
		NH1 / NH2	gG	400 / 500 / 690	500	120	25	T	T	T	T	T	T	T	T	T	T	T	T	T			
							125					T	T	T	T	T	T	T	T	T			
							160 / 200									T	T	T	T	T	T		
							50	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
	63							2.7	T	T	T	T	T	T	T	T	T	T	T	T	T		
	250 / 300 / 315 / 355																				T	T	
	400																					13	16
	NH2	gG	400 / 500 / 690	500	120	224										T	T	T	T				
						35	T	T	T	T	T	T	T	T	T	T	T	T	T				
						250 / 300 / 315															T	T	
						200												T	T	T	T		
						224												T	T	T	T		
						300 / 315														T	T		
						250													T	T	T		
	NH3	gG	500 / 690	500	120	355												13	13				
						400														13			
						425															13		
						315														T	T		
315																				T			

Molded case circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2							Productline	3VA1											
							Application	LineProtection											
							FrameSize	100A						160A					
							Tripunittype	TM210						TM210 / TM220 / TM240					
							Icu[kA]	16 / 25 / 36						25 / 36 / 55 / 70					
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	16 / 20 / 25	32	40	50	63	80	100	16 / 20 / 25	32	40	50	63	80
3NA	LineProtection	NH4a	gG	500	120	500													

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2							Productline	3VA1										
							Application	LineProtection										
							FrameSize	160A			250A			400A	630A		1000A	
							Tripunittype	TM210 / TM220 / TM240			TM240			TM220 / TM240			TM240	
							Icu[kA]	25 / 36 / 55 / 70			36 / 55 / 70			36 / 55 / 70 / 110			55 / 70 / 110	
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	100	125	160	160	200	250	320 / 400	500	630	630	800	1000
3NA	LineProtection	NH4a	gG	500	120	500												16

Molded case circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

**3VA2 - 3NA**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2						
						Application	LineProtection						
						FrameSize	160A						
						Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560	
						Icu[kA]	55 / 85 / 110					36	
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	25	40	63	100	160	160	
3NA	LineProtection	NH000	gG	400	120	10	T	T	T	T	T		
						16 / 20		T	T	T	T		
						25 / 32 / 35			T	T	T		
						100							
						125						T	
						160							
		40 / 50						T	T				
		100								T			
		2 / 4 / 6 / 10		T		T	T	T	T	T			
		16 / 20				T	T	T	T	T			
		25 / 32 / 35					T	T	T	T			
		63 / 80								T	T		
	40 / 50					T	T	T					
	63 / 80						T						
	160												
	80						T						
	160												
	50					T	T	T					
	40					T	T	T					
	63						T	T					
	100							T					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2		
						Application	LineProtection		
						FrameSize	250A		
						Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560
						Icu[kA]	55 / 85 / 110		36
Productline	Application	FrameSize	Characteristic	Un[V]/Fuses	Icu[kA]	In[A]	160	250	250
3NA	LineProtection	NH000 / NH000 / NH00 / NH00 / NH0 / NH2	gG	400	120	10	T	T	
						16 / 20	T	T	
						25 / 32 / 35	T	T	
						100		T	
						125		T	T
				160			T	T	
				40 / 50		T	T		
				100			T	T	
				2 / 4 / 6 / 10		T	T	T	
				16 / 20		T	T	T	
	25 / 32 / 35	T	T	T					
	500 / 690	500	gG	120	63 / 80	T	T	T	
	40 / 50				T	T	T		
	63 / 80				T	T			
	160								
	80				T	T			
	160				T				
	500 / 690	400	gG		120	50	T	T	T
	40					T	T		
	63					T	T	T	
100						T	T		
100				T		T			



Molded case circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2						
						Application	LineProtection						
						FrameSize	400A			630A			
						Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU550 / ETU560 / ETU850 / ETU860	
						Icu[kA]	55 / 85 / 110						
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	250	400	250	400	630	500	
3NA	LineProtection	NH000	gG	400	120	10	T	T	T	T	T	T	
						16 / 20	T	T	T	T	T	T	
						25 / 32 / 35	T	T	T	T	T	T	
						100	T	T	T	T	T	T	
						125	T	T	T	T	T	T	
						160	T	T		T	T	T	
		40 / 50		T		T	T	T	T	T			
		100		T		T	T	T	T	T			
		2 / 4 / 6 / 10		T		T	T	T	T	T			
		16 / 20		T		T	T	T	T	T			
		25 / 32 / 35		T		T	T	T	T	T			
		63 / 80		T		T	T	T	T	T			
	40 / 50	T	T	T	T	T	T						
	63 / 80	T	T	T	T	T	T						
	160		T		T	T	T						
	80	T	T	T	T	T	T						
	160		T		T	T	T						
	50	T	T	T	T	T	T						
	40	T	T	T	T	T	T						
	63	T	T	T	T	T	T						
	100	T	T	T	T	T	T						
	NH00	NH000 / NH00 / NH0 / NH2	NH000 / NH0 / NH1	gG	400	120	63 / 80	T	T	T	T	T	T
							160		T		T	T	T
							400 / 690	T	T	T	T	T	T
500							T	T	T	T	T	T	
500 / 690							T	T	T	T	T	T	
690							T	T	T	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2													
					Application	LineProtection													
					FrameSize	1000A				1600A									
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU860		ETU340	ETU320 / ETU350 / ETU360 / ETU650 / ETU660										
					Icu[kA]	55 / 85 / 110				55		85		110					
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	800	1000	1250 / 1600	800	1000	1250 / 1600	800	1000	1250 / 1600				
3NA	LineProtection	NH000	gG	400	120	10	T	T	T	T	T	T	T	T	T	T			
						16 / 20	T	T	T	T	T	T	T	T	T	T	T		
						25 / 32 / 35	T	T	T	T	T	T	T	T	T	T	T		
						100	T	T	T	T	T	T	T	T	T	T	T		
						125	T	T	T	T	T	T	T	T	T	T	T		
						160	T	T	T	T	T	T	T	T	T	T	T		
		400 / 690		40 / 50		T	T	T	T	T	T	T	T	T	T	T	T	T	T
				100		T	T	T	T	T	T	T	T	T	T	T	T	T	
				2 / 4 / 6 / 10		T	T	T	T	T	T	T	T	T	T	T	T	T	
				16 / 20		T	T	T	T	T	T	T	T	T	T	T	T	T	
				25 / 32 / 35		T	T	T	T	T	T	T	T	T	T	T	T	T	
				500		63 / 80	T	T	T	T	T	T	T	T	T	T	T	T	T
	40 / 50	T	T		T	T	T	T	T	T	T	T	T	T	T				
	500 / 690	400	63 / 80		T	T	T	T	T	T	T	T	T	T	T	T			
			160		T	T	T	T	T	T	T	T	T	T					
			80		T	T	T	T	T	T	T	T	T	T					
		690	160		T	T	T	T	T	T	T	T	T	T	T				
			50	T	T	T	T	T	T	T	T	T	T						
			40	T	T	T	T	T	T	T	T	T							
	NH00	gG	400	120	400 / 690	80	T	T	T	T	T	T	T	T	T				
					500 / 690	160	T	T	T	T	T	T	T	T					
					50	T	T	T	T	T	T	T	T						
					40	T	T	T	T	T	T	T							
					63	T	T	T	T	T	T								
100					T	T	T	T	T	T									

Molded case circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2									
					Application	LineProtection									
					FrameSize	160A									
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860				ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560			
					Icu[kA]	55 / 85 / 110						36			
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	25	40	63	100	160	160			
3NA	LineProtection	NH00 / NH1	gG	500	120	100 / 125						T			
				400											
		NH0	gG	500		120	35			T	T			T	T
				400											
	NH1	gG	500	120	6 / 10			T	T	T	T		T	T	
			400												
	NH2	gG	500		120	25 / 32 / 35				T	T		T	T	
			400												
NH1 / NH2	gG	500 / 690	120	160											
		400													
NH1 / NH2	gG	500 / 690		120	16 / 20			T	T	T		T	T		
		400													
NH1 / NH2	gG	500 / 690	120		35				T	T		T	T		
		400													
NH1 / NH2	gG	500 / 690		120	40 / 50					T		T	T		
		400													
NH1 / NH2	gG	500 / 690	120		160 / 200										
		400													
NH1 / NH2	gG	500 / 690		120	224										
		400													
NH1 / NH2	gG	500 / 690	120		250										
		400													
NH1 / NH2	gG	500 / 690		120	25 / 35				T	T		T	T		
		400													
NH1 / NH2	gG	500 / 690	120		63 / 80							T	T		
		400													
NH1 / NH2	gG	500 / 690		120	160 / 200										
		400													
NH1 / NH2	gG	500 / 690	120		50					T		T	T		
		400													
NH1 / NH2	gG	500 / 690		120	100 / 125								T		
		400													
NH1 / NH2	gG	500 / 690	120		50					T		T	T		
		400													
NH1 / NH2	gG	500 / 690		120	160 / 200 / 224										
		400													
NH1 / NH2	gG	500 / 690	120		355										
		400													
NH1 / NH2	gG	500 / 690		120	400										
		400													

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2		
						Application	LineProtection		
						FrameSize	250A		
						Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560
						Icu[kA]	55 / 85 / 110		36
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	160	250	250
3NA	LineProtection	NH1	gG	500	120	100 / 125		T	T
				400			T		
				35		T	T	T	
				6 / 10		T	T	T	
				25 / 32 / 35		T	T	T	
				160				T	
		16 / 20	T	T		T			
		35	T	T					
		40 / 50	T	T					
		160 / 200							
		224							
		250							
	25 / 35	T	T	T					
	63 / 80	T	T	T					
	160 / 200			T					
	50	T	T	T					
	100 / 125			T					
	50	T	T						
	160 / 200 / 224								
	355								
	400								

Molded case circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	400A			630A			
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU550 / ETU560 / ETU850 / ETU860	
					Icu[kA]	55 / 85 / 110						
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	250	400	250	400	630	500
3NA	LineProtection	NH00 / NH0	gG	500	120	100 / 125	T	T	T	T	T	T
				400		T	T	T	T	T		
				35		T	T	T	T	T		
				6 / 10		T	T	T	T	T		
				25 / 32 / 35		T	T	T	T	T		
				160		T	T	T	T	T		
		NH0 / NH1	500	16 / 20		T	T	T	T	T		
			400	35		T	T	T	T	T		
			400 / 500	40 / 50		T	T	T	T	T		
			500	160 / 200		T	T	T	T	T		
			500 / 690	224		T	T	T	T	T		
			500 / 690	250		T	T	T	T	T		
	NH1 / NH2	gG	500 / 690	25 / 35	T	T	T	T	T			
			500 / 690	63 / 80	T	T	T	T	T			
			500 / 690	160 / 200	T	T	T	T	T			
			500 / 690	50	T	T	T	T	T			
			500 / 690	100 / 125	T	T	T	T	T			
			500 / 690	50	T	T	T	T	T			
	NH2	gG	400	160 / 200 / 224	T	T	T	T				
			400 / 500	355	T	T	T	T				
			400	400	T	T	T	T				
			400 / 500	400	T	T	T	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2													
						Application	LineProtection													
						FrameSize	1000A					1600A								
						Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU860					ETU340	ETU320 / ETU350 / ETU360 / ETU650 / ETU660							
						Icu[kA]	55 / 85 / 110					55			85			110		
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	630 / 800 / 1000			800	1000	1250 / 1600	800	1000	1250 / 1600	800	1000	1250 / 1600		
3NA	LineProtection	NH00 / NH0	gG	500	120	100 / 125	T	T	T	T	T	T	T	T	T	T	T	T		
				400		T	T	T	T	T	T	T	T	T	T	T	T			
				35		T	T	T	T	T	T	T	T	T	T	T	T	T		
						6 / 10	T	T	T	T	T	T	T	T	T	T	T	T		
				25 / 32 / 35		T	T	T	T	T	T	T	T	T	T	T	T	T		
						160	T	T	T	T	T	T	T	T	T	T	T	T		
		NH1	gG	NH0 / NH1		16 / 20	T	T	T	T	T	T	T	T	T	T	T	T	T	T
						35	T	T	T	T	T	T	T	T	T	T	T	T		
				NH1		40 / 50	T	T	T	T	T	T	T	T	T	T	T	T	T	T
						160 / 200	T	T	T	T	T	T	T	T	T	T	T	T	T	
						224	T	T	T	T	T	T	T	T	T	T	T	T	T	
						250	T	T	T	T	T	T	T	T	T	T	T	T	T	
	NH2	gG	NH1 / NH2	25 / 35	T	T	T	T	T	T	T	T	T	T	T	T	T			
				63 / 80	T	T	T	T	T	T	T	T	T	T	T	T				
			NH2	160 / 200	T	T	T	T	T	T	T	T	T	T	T	T	T			
				50	T	T	T	T	T	T	T	T	T	T	T	T				
				100 / 125	T	T	T	T	T	T	T	T	T	T	T	T				
				50	T	T	T	T	T	T	T	T	T	T	T	T				
	400	T	T	T	T	T	T	T	T	T	T	T	T							
	160 / 200 / 224	T	T	T	T	T	T	T	T	T	T	T	T							
	355	T	T	T	T	T	T	T	T	T	T	104	104	104						
	400	T	T	T	T	T	T	T	T	T	T	63	63	63	63	63				

Molded case circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2								
						Application	LineProtection								
						FrameSize	160A								
						Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860				ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560		
						Icu[kA]	55 / 85 / 110						36		
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	25	40	63	100	160	160			
3NA	LineProtection	NH2	gG	400 / 500 / 690	120	250									
				300											
				315											
				500					T		T		T		
				160 / 200											
				224											
		690											T		T
		200													
		224													
		300													
		630													
		NH3		500		250									
	315														
	355														
	400														
	425														
	500														
	NH4a	500	500												

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2		
						Application	LineProtection		
						FrameSize	250A		
						Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560
						Icu[kA]	55 / 85 / 110		36
Productline	Application	FrameSize	Characteristic	Un[V]/Fuses	Icu[kA]	In[A]	160	250	250
3NA	LineProtection	NH2	gG	400 / 500 / 690	120	250			
				500					
				500 / 690					
				690					
				500					
		500 / 690							
		690							
		500							
		500							
		500							
	NH3	gG	500 / 690	120	250				
					315				
					355				
					400				
					425				
					500				
					500				
					500				
					500				
					500				
NH4a	gG	500	120	500					
				500					



Molded case circuit breaker as upstream device  
in combination with NH-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2						
						Application	LineProtection						
						FrameSize	400A			630A			
						Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU550 / ETU560 / ETU850 / ETU860	
						Icu[kA]	55 / 85 / 110						
Productline	Application	FrameSize	Characteristic	Un[V]/Fuses	Icu[kA]	In[A]	250	400	250	400	630	500	
3NA	LineProtection	NH2	gG	400 / 500 / 690	120	250					T	T	
				300						T	T		
				315						T			
				50		T	T	T	T	T	T		
				160 / 200			T		T	T	T		
		224				T		T	T	T			
		80		T		T	T	T	T	T			
		200				T		T	T	T			
		224				T		T	T	T			
		300							T	T			
	630												
	NH3	500 / 690	250								T	T	
			315								T		
			355									T	
			400										
			425										
	NH4a	500											

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2									
						Application	LineProtection									
						FrameSize	1000A			1600A						
						Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU860		ETU340	ETU320 / ETU350 / ETU360 / ETU650 / ETU660						
						Icu[kA]	55 / 85 / 110			55		85			110	
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	630 / 800 / 1000			800	1000	1250 / 1600	800	1000	1250 / 1600	
3NA	LineProtection	NH2	gG	400 / 500 / 690	120	250	T	T	T	T	T	T	T	T	T	T
						300	T		T	T	T	T	T	T	T	T
						315	T		T	T	T	T	T	T	T	T
						50	T	T	T	T	T	T	T	T	T	T
						160 / 200	T	T	T	T	T	T	T	T	T	T
		224		T		T	T	T	T	T	T	T	T	T		
		80		T		T	T	T	T	T	T	T	T	T		
		200		T		T	T	T	T	T	T	T	T	T		
		224		T		T	T	T	T	T	T	T	T	T		
		300		T			T	T	T	T	T	T	T	T		
	630					19			19			19				
	NH3	500	250	T		T	T	T	T	T	T	T	T			
			315	T			T	T	T	T	T	T	T			
			355	T			T	T	T	T	T	104	104	104		
			400				T	T	T	63	63	63	63	63		
			425				35	35	35	35	35	35	35	35		
	NH4a	500	500					35	35		35	35		35	35	
								35	35		35	35		35	35	
											35	35		35	35	
											35	35		35	35	
												35	35			

Molded case circuit breaker as upstream device  
in combination with SITOR-fuse system as downstream devices

## in combination with SITOR-fuse system as downstream devices

### 3VA2 - 3NE

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2			
						Application	LineProtection			
						FrameSize	160A			
						Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860			
						Icu[kA]	55 / 85 / 110			
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	25	40	63	100
3NE	LineProtection	NH000	gR	690	200	20 / 32 / 40 / 63	T	T	T	T
						16 / 20	T	T	T	T
			gS		35		T	T	T	
					40			T	T	
					63 / 80				T	
		NH00	gR		25 / 35		T	T	T	
					50			T	T	
			gR / gS		63 / 80				T	
					100 / 125					
					32		T	T	T	
	NH0	gR	40 / 50			T	T			
			160 / 200							
		gR / gS	250							
			350							
			400							
	NH1	gR / gS	690	1000	500					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2		
						Application	LineProtection		
						FrameSize	160A		250A
						Tripunitytype	ETU320 / ETU330 / ETU560	ETU350 / ETU550 / ETU850 / ETU860	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860
						Icu[kA]	36 / 55 / 85 / 110	55 / 85 / 110	
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	160		
3NE	LineProtection	NH000	gR	690	200	20 / 32 / 40 / 63	T	T	T
						gS	16 / 20	T	T
			35				T	T	T
			40				T	T	T
			gR			63 / 80	T	T	T
		NH0			gR	25 / 35	T	T	T
						50	T	T	T
		gR / gS			1000	63 / 80	T	T	T
						100 / 125	T	T	T
		NH1	gR / gS		690	gR	32	T	T
	40 / 50			T			T	T	
	160 / 200								
	250								
	350								
	NH2	gR / gS	690	gR	400				
					500				

Molded case circuit breaker as upstream device  
in combination with SITOR-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2		
						Application	LineProtection		
						FrameSize	250A		
						Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560	ETU350 / ETU550 / ETU850 / ETU860
						Icu[kA]	110	36 / 55 / 85	55 / 85
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	250	250	250
3NE	LineProtection	NH000	gR	690	200	20 / 32 / 40 / 63	T	T	T
						16 / 20	T	T	T
			gS		35	T	T	T	
					40	T	T	T	
					63 / 80	T	T	T	
		NH00	gR		25 / 35	T	T	T	
					50	T	T	T	
			gR / gS		63 / 80	T	T	T	
					100 / 125	T	T	T	
					32	T	T	T	
	NH0	gR	40 / 50	T	T	T			
			160 / 200	85	T	T			
		gR / gS	250						
			350						
			400						
	NH1	gR / gS	690	500					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2	
						Application	LineProtection	
						FrameSize	400A	
						Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860
						Icu[kA]	55 / 85 / 110	
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	250	400
3NE	LineProtection	NH000	gR	690	200	20 / 32 / 40 / 63	T	T
						16 / 20	T	T
			gS		35	T	T	
					40	T	T	
					63 / 80	T	T	
		NH00	gR		100	25 / 35	T	T
						50	T	T
			gR / gS			63 / 80	T	T
						100 / 125	T	T
						32	T	T
	NH0	gR	1000	40 / 50	T	T		
				160 / 200	T	T		
				250		T		
				350				
				400				
	NH1	gR / gS	690	500				

Molded case circuit breaker as upstream device  
in combination with NEOZED-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3VA2		
						Application	LineProtection		
						FrameSize	630A		
						Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU550 / ETU560 / ETU850 / ETU860
						Icu[kA]	55 / 85 / 110		
Productline	Application	FrameSize	Characteristic	Un[V]Fuses	Icu[kA]	In[A]	400	630	500
3NE	LineProtection	NH000	gR	690	200	20 / 32 / 40 / 63	T	T	T
						16 / 20	T	T	T
			gS		35	T	T	T	
					40	T	T	T	
					63 / 80	T	T	T	
		NH00	gR		25 / 35	T	T	T	
					50	T	T	T	
			gR / gS		63 / 80	T	T	T	
					100 / 125	T	T	T	
					32	T	T	T	
	NH0	gR	1000	40 / 50	T	T	T		
				160 / 200	T	T	T		
		gR / gS		250	T	T	T		
				350	T	T	T		
				400	T	T	T		
	NH1	gR / gS	690	500	T	T	T		

## in combination with NEOZED-fuse system as downstream devices

### 3VA1 - 5SE

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1										
					Application	LineProtection										
					FrameSize	100A				160A					250A	
					Tripunittype	TM210				TM210 / TM220 / TM240					TM240	
					Icu[kA]	16 / 25 / 36				25 / 36 / 55 / 70					36 / 55 / 70	
Productline	Application	FrameSize	Characteristic	Icu[kA]	In[A]	50	63	80	100	50	63	80	100	125	160	160 / 200 / 250
5SE2(Neozed)	LineProtection	D01	gG	50	2 / 4 / 6 / 10 / 13 / 16	T	T	T	T	T	T	T	T	T	T	T
					20	T	T	T	T	T	T	T	T	T	T	T
		25			1	T	T	T	1	T	T	T	T	T	T	T
		32 / 35				1	T	T		1	T	T	T	T	T	T
		40						T				T	T	T	T	
		50						5.5				5.5	T	T	T	
		63											5.5	T	T	



Molded case circuit breaker as upstream device  
in combination with NEOZED-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA1		
					Application	LineProtection		
					FrameSize	400A	630A	1000A
					Tripunittype	TM220 / TM240		TM240
					Icu[kA]	36 / 55 / 70 / 110		55 / 70 / 110
Productline	Application	FrameSize	Characteristic	Icu[kA]	In[A]	320 / 400	500 / 630	630 / 800 / 1000
5SE2(Neozed)	LineProtection	D01	gG	50	2 / 4 / 6 / 10 / 13 / 16	T	T	T
					20	T	T	T
		25			T	T	T	
		32 / 35			T	T	T	
		40			T	T	T	
		50			T	T	T	
		63			T	T	T	
		D02						

3VA2 - 5SE

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2			
					Application	LineProtection			
					FrameSize	160A			
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	ETU320 / ETU330 / ETU560	ETU340
					Icu[kA]	55 / 85 / 110		36	55 / 85 / 110
Productline	Application	FrameSize	Characteristic	Icu[kA]	In[A]	63	100 / 160	160	100
5SE2(Neozed)	LineProtection	D01	gG	50	2 / 4 / 6 / 10 / 13 / 16	T	T		T
					20 / 25 / 32	T	T		T
		D02			35 / 40	T	T	T	T
					50 / 63		T	T	T

Molded case circuit breaker as upstream device  
in combination with NEOZED-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2			
					Application	LineProtection			
					FrameSize	250A			
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU320 / ETU330 / ETU560	ETU340
					Icu[kA]	55 / 85 / 110		36	55 / 85 / 110
Productline	Application	FrameSize	Characteristic	Icu[kA]	In[A]	160 / 250		250	160
5SE2(Neozed)	LineProtection	D01	gG	50	2 / 4 / 6 / 10 / 13 / 16	T		T	
					20 / 25 / 32	T		T	
		D02			35 / 40	T	T	T	
					50 / 63	T	T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2						
					Application	LineProtection						
					FrameSize	400A		630A				
					Tripunitytype	ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		ETU340	ETU320 / ETU330 / ETU340 / ETU350		ETU550 / ETU560 / ETU850 / ETU860	
					Icu[kA]	55 / 85 / 110						
Productline	Application	FrameSize	Characteristic	Icu[kA]	In[A]	250 / 400	250	400 / 630	400 / 500 / 630			
5SE2(Neozed)	LineProtection	D01	gG	50	2 / 4 / 6 / 10 / 13 / 16	T	T	T	T			
					20 / 25 / 32	T	T	T	T			
		D02			35 / 40	T	T	T	T			
					50 / 63	T	T	T	T			

Motor starter protector as upstream device  
in combination with NEOZED-fuse system as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3VA2	
					Application	LineProtection	
					FrameSize	1000A	1600A
					Tripunitytype	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	ETU320 / ETU350 / ETU360 / ETU650 / ETU660
					Icu[kA]	55 / 85 / 110	
Productline	Application	FrameSize	Characteristic	Icu[kA]	In[A]	630 / 800 / 1000	800 / 1000 / 1250 / 1600
5SE2(Neozed)	LineProtection	D01	gG	50	2 / 4 / 6 / 10 / 13 / 16	T	T
					20 / 25 / 32	T	T
		D02			35 / 40	T	T
					50 / 63	T	T

## Motor starter protector as upstream device

in combination with motor starter protector as downstream devices

3RV1 - 3RD

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3RV1	
				Application	Motor-Protection	
				FrameSize	S00	
				Tripunitytype	TM	
				Un[V]Fuses	n.a.	690
				Icu[kA]	100	50
Productline	Application	Tripunitytype	Icu[kA]	In[A]	2 / 2.5 / 3.2 / 4 / 5 / 6.3	8 / 10 / 12
3RD1	Starter- Protection	ETU	100	2	T	T
				7		T

Motor starter protector as upstream device  
in combination with motor starter protector as downstream devices

**3RV2 - 3RD**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3RV2							
				Application	Motor-Protection							
				FrameSize	S0	S00	S0	S0 / S00		S2		
				Tripunitytype	TM							
				Un[V]Fuses	n.a.							
				Icu[kA]	20		55		100		65	
Productline	Application	Tripunitytype	Icu[kA]	In[A]	36 / 40	16	16 / 20 / 22 / 25 / 28 / 32	2 / 2.5 / 3.2 / 4 / 5 / 6.3	8 / 10 / 12.5	14 / 17 / 20 / 25 / 32 / 36 / 40 / 52 / 59 / 65 / 73 / 80	14 / 17 / 20 / 25 / 32 / 36 / 45 / 52 / 59 / 65 / 73 / 80	
3RD1	Starter- Protection	ETU	100	2	T	T	T	T	T	T	T	
				7	T	T	T	T	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3RV2		
				Application	Motor-Protection		
				FrameSize	S2		S3
				Tripunittype	TM		
				Un[V]Fuses	690		n.a.
				Icu[kA]	65	100	65 / 100
Productline	Application	Tripunittype	Icu[kA]	In[A]	45	40	40 / 50 / 63 / 75 / 84 / 93 / 100
3RD1	Starter- Protection	ETU	100	2	T	T	T
				7	T	T	T



Motor starter protector as upstream device

in combination with residual current protective device as downstream devices

## in combination with residual current protective device as downstream devices

### 3RV2 - 5SU

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3RV2													
						Application	Motor-Protection													
						FrameSize	S0					S2								
						Tripunittype	TM													
						Un[V]Fuses	n.a.													
						Icu[kA]	20		55				65		65 / 100					
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	36	40	20	22	25	28	32	32	36	40	52	59	65	73
5SU1(RCBO)	FR/FN/FP	LineProtection	B / C	6	6	6	1.3	1.3				1.1	1.4	0.6	0.6	0.9	1	1.3	1.3	1.4
						10	1.2	1.2				1.1	1.3	0.5	0.5	0.9	1	1.2	1.2	1.3
						13	1.1	1.1				1	1.2	0.5	0.5	0.8	0.9	1.1	1.1	1.2
						16	1.1	1.1				1	1.2	0.5	0.5	0.8	0.9	1.1	1.1	1.2
						20	0.9	0.9					1		0.5	0.7	0.8	0.9	1	1
						25		0.9							0.7	0.8	0.9	1	1	
				7.5	6	6	3.3	3.3	0.5	0.7	0.7	2.7	4.1	0.9	1	1.7	2	2.8	3.1	3.5
						10	1.9	1.9			0.5	1.6	2.2	0.7	0.8	1.2	1.3	1.7	1.9	2
						13	1.8	1.8			0.5	1.6	2.1	0.7	0.7	1.1	1.3	1.6	1.8	1.9
						16	1.4	1.4				1.3	1.6	0.6	0.7	1	1.1	1.3	1.4	1.5
						20	1.3	1.3					1.5	0.5	0.6	0.9	1	1.2	1.3	1.4
						25		1.2							0.9	1	1.1	1.2	1.3	
				15	10	6	3.3	3.3	0.5	0.7	0.7	2.7	4.1	0.9	1	1.7	2	2.8	3.1	3.5
						10	1.9	1.9			0.5	1.6	2.2	0.7	0.8	1.2	1.3	1.7	1.9	2
						13	1.8	1.8			0.5	1.6	2.1	0.7	0.7	1.1	1.3	1.6	1.8	1.9
						15 / 16	1.4	1.4				1.3	1.6	0.6	0.7	1	1.1	1.3	1.4	1.5
						20	1.3	1.3					1.5	0.5	0.6	0.9	1	1.2	1.3	1.4
						25		1.2							0.9	1	1.1	1.2	1.3	
				32										1	1.1	1.2	1.3			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3RV2												
						Application	Motor-Protection												
						FrameSize	S2					S3							
						Tripunittype	TM												
						Un[V]Fuses	n.a.					690		n.a.					
						Icu[kA]	65 / 100		100			65		100		65 / 100			
						Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	25	32	36	45	40	40
5SU1(RCBO)	FR/FN/FP	LineProtection	B / C	6	6	6	1.7		0.5	0.6	1	0.9	0.8	0.9	1	1.3	1.9	3.2	3.2
						10	1.4			0.5	1	0.9	0.7	0.9	1	1.2	1.5	2.6	2.6
						13	1.4			0.5	0.9	0.8	0.7	0.8	0.9	1.1	1.5	2.6	2.6
						16	1.4			0.5	0.9	0.8	0.7	0.8	0.9	1.1	1.5	2.4	2.4
						20	1.2			0.5	0.8	0.7	0.6	0.7	0.8	1	1.3	2.2	2.2
						25	1.2				0.7	0.7	0.6	0.7	0.8	1	1.3	2.2	2.2
						32	1.2									1	1.2	2	2
				7.5	6	6	4.8	0.5	0.8	1	1.8	1.7	1.3	1.7	1.9	3.3	5.4	T	T
						10	2.7		0.6	0.8	1.2	1.2	0.9	1.1	1.3	1.9	3.1	5.8	6.9
						13	2.6		0.6	0.7	1.2	1.1	0.9	1.1	1.2	1.8	2.9	5.2	6
						16	1.9		0.5	0.7	1	1	0.8	1	1.1	1.5	2.2	4	4.6
						20	1.8			0.5	1	0.9	0.7	0.9	1	1.4	2	3.2	3.7
						25	1.6				0.9	0.9	0.7	0.8	1	1.3	1.7	3.2	3.5
						32	1.6									1.2	1.7	3	3.2
				15	10	6	4.8	0.5	0.8	1	1.8	1.7	1.3	1.7	1.9	3.3	5.4	9.8	11
						10	2.7		0.6	0.8	1.2	1.2	0.9	1.1	1.3	1.9	3.1	5.8	6.9
						13	2.6		0.6	0.7	1.2	1.1	0.9	1.1	1.2	1.8	2.9	5.2	6
						15 / 16	1.9		0.5	0.7	1	1	0.8	1	1.1	1.5	2.2	4	4.6
						20	1.8			0.5	1	0.9	0.7	0.9	1	1.4	2	3.2	3.7
						25	1.6				0.9	0.9	0.7	0.8	1	1.3	1.7	3.2	3.5
						32	1.6									1.2	1.7	3	3.2

# Miniature circuit breaker as upstream device

in combination with miniature circuit breaker as downstream devices

5SY - 5SL

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SY4												
					Application	LineProtection												
					Characteristic	A					B							
					Icu[kA]	15			20		15			20				
					Icn[kA]	10												
Productline	Suffix	Application	Characteristic	Icn[kA]	In[A]	40	50	63	25	32	40	50	63	13	16	20	25	32
5SL60(1+N)	MCMF	LineProtection	B	6	2	0.2	0.3	0.4	0.1	0.1	0.4	0.5	0.6	0.1	0.1	0.1	0.2	0.3
					4	0.1	0.2	0.3		0.1	0.3	0.4	0.4	0.1	0.1	0.1	0.1	0.2
					6	0.1	0.2	0.3		0.1	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.2
					10	0.1	0.2	0.2		0.1	0.2	0.3	0.3		0.1	0.1	0.1	0.1
					13	0.1	0.1	0.2		0.1	0.2	0.2	0.3			0.1	0.1	0.1
					16	0.1	0.1	0.2		0.1	0.2	0.2	0.3				0.1	0.1
			20				0.2			0.2	0.2	0.3						
			25				0.2			0.2	0.2	0.2						
			32				0.2				0.2	0.2						
			2		0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.5	0.1	0.1	0.1	0.2	0.2	
			4		0.2	0.2	0.3		0.1	0.3	0.3	0.4	0.1	0.1	0.1	0.1	0.2	
			6		0.1	0.2	0.2		0.1	0.2	0.3	0.3	0.1	0.1	0.1	0.1	0.1	
		8			0.2			0.2	0.2	0.3								
		10			0.2			0.2	0.2	0.3								
		13			0.2			0.2	0.2	0.3								
		16			0.2			0.2	0.2	0.2								
		20																
		25																
		32																

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SY4												
					Application	LineProtection												
					Characteristic	C										D		
					Icu[kA]	15					20					15		
					Icn[kA]	10												
Productline	Suffix	Application	Characteristic	Icn[kA]	In[A]	40	45	50	60 / 63	13	15 / 16	20	25	30 / 32	40	50	63	
5SL60(1+N)	MCMF	LineProtection	B	6	2	0.7	0.8	0.8	1.1	0.2	0.2	0.3	0.4	0.5	3.1	T	T	
					4	0.5	0.6	0.6	0.8	0.2	0.2	0.2	0.3	0.3	1.4	2	2.6	
					6	0.4	0.5	0.5	0.6	0.2	0.2	0.2	0.3	0.3	1.1	1.5	2	
					10	0.4	0.4	0.4	0.6		0.1	0.2	0.2	0.2	0.9	1.2	1.6	
					13	0.3	0.4	0.4	0.5			0.2	0.2	0.2	0.8	1.1	1.4	
					16	0.3	0.4	0.4	0.5				0.2	0.2	0.8	1.1	1.4	
			20		0.3	0.4	0.4	0.5					0.2	0.8	1	1.3		
			25		0.3	0.4	0.4	0.4						0.7	0.9	1.2		
			32				0.4	0.4							0.9	1.1		
			2		0.7	0.8	0.8	1	0.2	0.2	0.3	0.4	0.4	1.9	2.5	3.3		
			4		0.5	0.6	0.6	0.7	0.2	0.2	0.2	0.3	0.3	1.2	1.7	2.2		
			6		0.4	0.4	0.4	0.6	0.1	0.1	0.2	0.2	0.2	0.9	1.2	1.6		
	8	0.3	0.4	0.4	0.5			0.2	0.2	0.2	0.8	1.1	1.4					
	10	0.3	0.4	0.4	0.5				0.2	0.2	0.8	1.1	1.4					
	13	0.3	0.4	0.4	0.5				0.2	0.2	0.8	1	1.3					
	16	0.3	0.4	0.4	0.4					0.2	0.7	0.9	1.2					
	20										0.7	0.9	1.2					
	25										0.7	0.9	1.1					
	32											0.9	1.1					
				C														

Miniature circuit breaker as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SY4					
					Application	LineProtection					
					Characteristic	D					
					Icu[kA]	20					
					Icn[kA]	10					
Productline	Suffix	Application	Characteristic	Icn[kA]	In[A]	13	16	20	25	32	
5SL60(1+N)	MCMF	LineProtection	B	6	2	0.6	0.6	0.7	0.8	1.7	
					4	0.4	0.4	0.5	0.6	0.9	
					6	0.4	0.4	0.4	0.5	0.7	
					10		0.3	0.4	0.4	0.6	
					13			0.3	0.4	0.6	
					16				0.4	0.6	
			20						0.6		
			25								
			32								
			2		0.5	0.5	0.6	0.8	1.2		
			4		0.4	0.4	0.4	0.6	0.8		
			6		0.3	0.3	0.4	0.4	0.6		
	8	0.3	0.3	0.3	0.4	0.6					
	10		0.3	0.3	0.4	0.6					
	13			0.3	0.4	0.6					
	16				0.4	0.5					
	20					0.5					
	25										
	32										
			C								

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SY7										
					Application	LineProtection										
					Characteristic	B									C	
					Icu[kA]	20			25						20	
					Icn[kA]	15										
Productline	Suffix	Application	Characteristic	Icn[kA]	In[A]	40	50	63	13	16	20	25	32	40	50	63
5SL60(1+N)	MCMF	LineProtection	B	6	2	0.4	0.5	0.6	0.1	0.1	0.1	0.2	0.3	0.7	0.8	1.1
					4	0.3	0.4	0.4	0.1	0.1	0.1	0.1	0.2	0.5	0.6	0.8
					6	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.2	0.4	0.5	0.6
					10	0.2	0.3	0.3		0.1	0.1	0.1	0.1	0.4	0.4	0.6
					13	0.2	0.2	0.3			0.1	0.1	0.1	0.3	0.4	0.5
					16	0.2	0.2	0.3				0.1	0.1	0.3	0.4	0.5
			20		0.2	0.2	0.3						0.3	0.4	0.5	
			25		0.2	0.2	0.2						0.3	0.4	0.4	
			32			0.2	0.2							0.4	0.4	
			C		2	0.3	0.4	0.5	0.1	0.1	0.1	0.2	0.2	0.7	0.8	1
					4	0.3	0.3	0.4	0.1	0.1	0.1	0.1	0.2	0.5	0.6	0.7
					6	0.2	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.6
	8	0.2		0.2	0.3						0.3	0.4	0.5			
	10	0.2		0.2	0.3						0.3	0.4	0.5			
	13	0.2		0.2	0.3						0.3	0.4	0.5			
	16	0.2		0.2	0.2						0.3	0.4	0.4			
	20															
	25															
	32															

Miniature circuit breaker as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SY7													
					Application	LineProtection													
					Characteristic	C					D								
					Icu[kA]	25					15	20	25						
					Icn[kA]	15													
Productline	Suffix	Application	Characteristic	Icn[kA]	In[A]	13	16	20	25	32	50	63	40	13	16	20	25	32	
5SL60(1+N)	MCMF	LineProtection	B	6	2	0.2	0.2	0.3	0.4	0.5	T	T	3.1	0.6	0.6	0.7	0.8	1.7	
					4	0.2	0.2	0.2	0.3	0.3	2	2.6	1.4	0.4	0.4	0.5	0.6	0.9	
					6	0.2	0.2	0.2	0.3	0.3	1.5	2	1.1	0.4	0.4	0.4	0.5	0.7	
					10		0.1	0.2	0.2	0.2	1.2	1.6	0.9		0.3	0.4	0.4	0.6	
					13			0.2	0.2	0.2	1.1	1.4	0.8			0.3	0.4	0.6	
					16				0.2	0.2	1.1	1.4	0.8				0.4	0.6	
			20						0.2	1	1.3	0.8					0.6		
			25							0.9	1.2	0.7							
			32							0.9	1.1								
			2		0.2	0.2	0.3	0.4	0.4	2.5	3.3	1.9	0.5	0.5	0.6	0.8	1.2		
			4		0.2	0.2	0.2	0.3	0.3	1.7	2.2	1.2	0.4	0.4	0.4	0.6	0.8		
			6		0.1	0.1	0.2	0.2	0.2	1.2	1.6	0.9	0.3	0.3	0.4	0.4	0.6		
	8			0.2	0.2	0.2	1.1	1.4	0.8	0.3	0.3	0.3	0.4	0.6					
	10			0.2	0.2	0.2	1.1	1.4	0.8		0.3	0.3	0.4	0.6					
	13			0.2	0.2	0.2	1	1.3	0.8			0.3	0.4	0.6					
	16				0.2	0.2	0.9	1.2	0.7				0.4	0.5					
	20						0.9	1.2	0.7					0.5					
	25						0.9	1.1	0.7										
	32						0.9	1.1											

## in combination with residual current protective device as downstream devices

### 5SP - 5SU

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	5SP4				
						Application	LineProtection				
						Characteristic	B / C			D	
						Icu[kA]	10				
						Icn[kA]	10				
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	80	100
5SU1(RCBO)	FR/FN/FP	LineProtection	B / C	6	6	6	0.8	1.3	1.4	2.6	3.4
						10	0.8	1.2	1.3	2	2.6
						13	0.7	1.2	1.2	2	2.6
						16	0.7	1.1	1.2	1.9	2.5
						20 / 25	0.7	1	1.1	1.7	2.3
						32	0.7	1	1.1	1.6	2.1
				6		1.2	2.6	2.8	5.5	T	
				10		0.9	1.7	1.9	3.3	5	
				13		0.9	1.6	1.8	3.1	4.6	
				16		0.8	1.3	1.4	2.7	3.8	
				20		0.8	1.3	1.4	2.3	3	
				25		0.8	1.2	1.3	2.2	3	
				32		0.7	1.2	1.3	2.1	2.9	
				15		10	6	1.2	2.6	2.8	5.5
			10	0.9	1.7		1.9	3.3	5		
			13	0.9	1.6		1.8	3.1	4.6		
			15 / 16	0.8	1.3		1.4	2.7	3.8		
			20	0.8	1.3		1.4	2.3	3		
			25	0.8	1.2		1.3	2.2	3		
			32	0.7	1.2		1.3	2.1	2.9		



**5SY - 5SU**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	5SY7								
						Application	LineProtection								
						Characteristic	D								
						Icu[kA]	15		20	25					
						Icn[kA]	15								
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	40	25	32				
5SU1(RCBO)	FR/FN/FP	LineProtection	B / C	6	6	6	1.1	1.3	0.9		0.7				
						10	1.1	1.2	0.9		0.6				
						13	1	1.1	0.8		0.6				
						16	0.9	1.1	0.8		0.6				
						20	0.9	1	0.7		0.5				
						25	0.9	1	0.7						
				7.5	6	6	1.7	2.3	1.2	0.7	0.9				
						10	1.2	1.4	0.9	0.5	0.7				
						13	1.2	1.4	0.9		0.7				
						16	1.1	1.3	0.9		0.7				
						20	1	1.2	0.8		0.6				
						25	1	1.2	0.8						
				15	10	6	1.7	2.3	1.2	0.7	0.9				
						10	1.2	1.4	0.9	0.5	0.7				
						13	1.2	1.4	0.9		0.7				
						15 / 16	1.1	1.3	0.9		0.7				
						20	1	1.2	0.8		0.6				
						25	1	1.2	0.8						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	5SY8				
						Application	LineProtection				
						Characteristic	D				
						Icu[kA]	20		25	30	
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	40	25	32
5SU1(RCBO)	FR/FN/FP	LineProtection	B / C	6	6	6	1.1	1.3	0.9		0.7
						10	1.1	1.2	0.9		0.6
						13	1	1.1	0.8		0.6
						16	0.9	1.1	0.8		0.6
						20	0.9	1	0.7		0.5
						25	0.9	1	0.7		
				7.5	6	32	0.8	1			
						6	1.7	2.3	1.2	0.7	0.9
						10	1.2	1.4	0.9	0.5	0.7
						13	1.2	1.4	0.9		0.7
						16	1.1	1.3	0.9		0.7
						20	1	1.2	0.8		0.6
				15	10	25	1	1.2	0.8		
						32	1	1.1			
						6	1.7	2.3	1.2	0.7	0.9
						10	1.2	1.4	0.9	0.5	0.7
						13	1.2	1.4	0.9		0.7
						15 / 16	1.1	1.3	0.9		0.7
						20	1	1.2	0.8		0.6
						25	1	1.2	0.8		
						32	1	1.1			

# NH-fuse system as upstream device

in combination with molded case circuit breaker as downstream devices

## 3NA - 3VA

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH000	NH00		NH0		NH1		NH1 / NH2		NH2			
					Characteristic	gG												
					Un[V]Fuses	400	400 / 500		500		400 / 500		400 / 500 / 690		400 / 500			
					Icu[kA]	120												
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	160	125	160	125	160	224	250	125	160	200	355	400	
3VA1	LineProtection	100A	TM210	16 / 25	16 / 20 / 25 / 32	3.8	2.4	3.7	2.4	3.8	9.1	T	2.4	3.8	7.9	T	T	
				16 / 25 / 36	40 / 50 / 63 / 80 / 100	3.1		3		3.1	7.2	11		3.1	5.4	T	T	
				36	16 / 20 / 25 / 32	3.8	2.4	3.7	2.4	3.8	9.1	35	2.4	3.8	7.9	T	T	
			TM210 / TM220 / TM240	25 / 36	16 / 20 / 25 / 32	3.8	2.4	3.7	2.4	3.8	9.1	T	2.4	3.8	7.9	T	T	
					40 / 50 / 63 / 80 / 100	3.1		3		3.1	7.2	11		3.1	5.4	T	T	
				25 / 36 / 55	125						6.2	7.4			5.4	T	T	
		160A	55 / 70	16 / 20 / 25 / 32	3.8	2.4	3.7	2.4	3.8	9.1	36	2.4	3.8	7.9	T	T		
				40 / 50 / 63 / 80 / 100	3.1		3		3.1	7.2	11		3.1	5.4	T	T		
			70	125						6.2	7.4			5.4	56	T		
		250A	TM240	36 / 55 / 70	160												6.6	9.5
					200											6.6	9.5	
					250													9.5
	400A		TM220 / TM240	36 / 55 / 70 / 110	320													
					400													
					500													
	1000A	TM240	55 / 70 / 110	630														
	Starter-Protection	160A	TM120M	55	125						6.2	7.4			5.4	T	T	
					32	3.8	2.4	3.8	2.4	3.8	9.1	35	2.4	3.8	7.9	T	T	
				55 / 70	40 / 50 / 63 / 80 / 100	3.1		3.1		3.1	7.2	11		3.1	5.4	T	T	
		250A	55 / 70	70	125							6.2	7.4			5.4	56	T
					160										6.6	9.5		
					200										6.6	9.5		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH2				NH3										
					Characteristic	gG														
					Un[V]Fuses	400 / 500 / 690				500			500 / 690							
					Icu[kA]	120														
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	224	250	300	315	200	224	300	630	250	315	355	400	425		
3VA1	LineProtection	100A	TM210	16 / 25 / 32	16 / 20 / 25 / 32	9.1	T	T	T	7.5	8.9	T	T	T	T	T	T	T		
				16 / 25 / 36	40 / 50 / 63 / 80 / 100	7.2	11	T	T	5	6.9	T	T	11	T	T	T	T	T	
				36	16 / 20 / 25 / 32	9.1	T	T	T	7.5	8.9	T	T	T	T	T	T	T	T	
			160A	TM210 / TM220 / TM240	25 / 36	16 / 20 / 25 / 32	16 / 20 / 25 / 32	9.1	T	T	T	7.5	8.9	T	T	T	T	T	T	T
						40 / 50 / 63 / 80 / 100	7.2	11	T	T	5	6.9	T	T	11	T	T	T	T	
					25 / 36 / 55	125	6.2	7.4	16	17	5	6.1	16	T	7.6	17	T	T	T	
		160					16	17			16	T		17	56	T	T			
		55 / 70		16 / 20 / 25 / 32		9.1	36	T	T	7.5	8.9	T	T	43	T	T	T	T		
				40 / 50 / 63 / 80 / 100	7.2	11	36	41	5	6.9	36	T	11	41	T	T	T			
		250A	TM240	36 / 55 / 70	160				4.7	4.9			4.7	T		4.9	6.6	9.5	19	
					200								T			6.6	9.5	19		
					250									T			9.5	19		
	400A		TM220 / TM240	36 / 55 / 70 / 110	320									16						
					400															
					500															
	1000A	TM240	55 / 70 / 110	630																
		160A	TM120M	55 / 70	55	125	6.2	7.4	16	17	5	6.1	16	T	7.6	17	T	T	T	
						32	9.1	35	T	T	7.5	8.9	T	T	43	T	T	T	T	
						40 / 50 / 63 / 80 / 100	7.2	11	33	41	4.9	6.9	33	T	11	41	T	T	T	
	250A	55 / 70	70	125	125	6.2	7.4	16	17	5	6.1	16	T	7.6	17	56	T	T		
					160			4.7	4.9			4.7	T		4.9	6.6	9.5	19		
					200								T			6.6	9.5	19		

NH-fuse system as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA					
					Application	LineProtection					
					FrameSize	NH3	NH4 / NH4a			NH4a	
					Characteristic	gG					
					Un[V]Fuses	500 / 690	500				
					Icu[kA]	120					
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	500	630	800 / 1000	1250	500	
3VA1	LineProtection	100A	TM210	16 / 25	16 / 20 / 25 / 32	T	T	T	T	T	
				16 / 25 / 36	40 / 50 / 63 / 80 / 100	T	T	T	T	T	
				36	16 / 20 / 25 / 32	T	T	T	T	T	
			160A	TM210 / TM220 / TM240	25 / 36	16 / 20 / 25 / 32	T	T	T	T	T
						40 / 50 / 63 / 80 / 100	T	T	T	T	T
					55 / 70	125	T	T	T	T	T
		160		T		T	T	T	T		
		16 / 20 / 25 / 32		T		T	T	T	T		
		250A		TM240	36 / 55 / 70	40 / 50 / 63 / 80 / 100	T	T	T	T	T
			125			T	T	T	T	T	
			160			T	T	T	T	T	
			400A	TM220 / TM240	36 / 55 / 70	160	28	T	T	T	19
	200					28	T	T	T	19	
	250					28	T	T	T	19	
	1000A	TM220 / TM240	36 / 55 / 70 / 110	320		28	T	T			
				400			T	T			
				500			T	T			
		TM240	55 / 70 / 110	630				T			
				125	T	T	T	T	T		
				32	T	T	T	T	T		
	Starter-Protection	160A	TM120M	55 / 70	40 / 50 / 63 / 80 / 100	T	T	T	T	T	
					125	T	T	T	T	T	
				250A	55 / 70	70	160	28	T	T	T
		200	28				T	T	T	19	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA													
					Application	LineProtection													
					FrameSize	NH000	NH00		NH0		NH1		NH1 / NH2		NH2				
					Characteristic	gG													
					Un[V]Fuses	400	400 / 500		500		400 / 500		400 / 500 / 690		400 / 500				
					Icu[kA]	120													
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	160	125	160	125	160	224	250	125	160	200	355	400		
3VA1	Starter-Protection	400A	TM120M	55 / 70 / 110	250 / 320														
					400 / 500														
		630A		55 / 70	630														
	1000A	110																	

NH-fuse system as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH2				NH3								
					Characteristic	gG												
					Un[V]Fuses	400 / 500 / 690				500			500 / 690					
					Icu[kA]	120												
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	224	250	300	315	200	224	300	630	250	315	355	400	425
3VA1	Starter-Protection	400A	TM120M	55 / 70 / 110	250 / 320								10					
		630A			400 / 500													
		1000A		630														
		110																

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA				
					Application	LineProtection				
					FrameSize	NH3	NH4 / NH4a			NH4a
					Characteristic	gG				
					Un[V]Fuses	500 / 690	500			
					Icu[kA]	120				
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	500	630	800 / 1000	1250	500
3VA1	Starter-Protection	400A	TM120M	55 / 70 / 110	250 / 320		20	T	T	
		630A			400 / 500			T	T	
	1000A	55 / 70		630					T	
		110							80	



NH-fuse system as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA													
					Application	LineProtection													
					FrameSize	NH1	NH1 / NH2		NH2				NH3						
					Characteristic	gG													
					Un[V]Fuses	400 / 500		400 / 500 / 690		400 / 500		400 / 500 / 690				500			
					Icu[kA]	120													
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	224	250	200	355	400	224	250	300	315	200	224	300		
3VAZ	LineProtection	100A	ETU320	36	25 / 40 / 63	4.1	5.6	3.3	T	T	4.1	5.6	17	19	3	4	17		
			ETU320 / ETU330 / ETU350 / ETU550 / ETU860 / ETU860		85 / 110	25 / 40 / 63 / 100	4.1	5.6	3.3	72	T		4.1	5.6	17	19	3	4	17
			ETU320 / ETU350 / ETU550 / ETU860		55		4.1	5.6	3.3	T	T	4.1	5.6	17	19	3	4	17	
			ETU330 / ETU560	36 / 55	4.1		5.6	3.3	T	T	4.1	5.6	17	19	3	4	17		
		160A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		55 / 85 / 110		3.5	4.1	3	10	12	3.5	4.1	5.8	5.9			3.4	5.8

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3NA											
						Application	LineProtection											
						FrameSize	NH3					NH3 / NH4 / NH4a	NH4 / NH4a		NH4a			
						Characteristic	gG											
						Un[V]Fuses	500 / 690					500						
						Icu[kA]	120											
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	250	315	355	400	425	500	630	800 / 1000	1250	500			
3VAZ	LineProtection	100A	ETU320	36	25 / 40 / 63	5.7	19	T	T	T	T	T	T	T	T	T		
			ETU320 / ETU330 / ETU350 / ETU550 / ETU860 / ETU860		85 / 110	25 / 40 / 63 / 100	5.7	19	72	T	T	T	T	T	T	T	T	T
			ETU320 / ETU350 / ETU550 / ETU860		55		5.7	19	T	T	T	T	T	T	T	T	T	T
			ETU330 / ETU560	36 / 55	5.7		19	T	T	T	T	T	T	T	T	T	T	
		160A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		55 / 85 / 110		4.2	5.9	10	12	T	T	T	T	T	T	T	T

NH-fuse system as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline		3NA													
					Application		LineProtection													
					FrameSize		NH1		NH1 / NH2		NH2			NH3						
					Characteristic		gG													
					Un[V]Fuses		400 / 500		400 / 500 / 690		400 / 500		400 / 500 / 690			500				
					Icu[kA]		120													
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	224	250	200	355	400	224	250	300	315	200	224	300			
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU560	36 / 55 / 85 / 110	160				10	12				5.8	5.9			5.8		
			ETU350 / ETU550 / ETU860						10	12			5.8	5.9			5.8			
		250A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110							4.1	4.9				3.4	3.5			3.4
			ETU320 / ETU330 / ETU560																	
			ETU345	55			160				4.1	4.9			3.4	3.5			3.4	
							250							4.9						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3NA										
						Application	LineProtection										
						FrameSize	NH3					NH3 / NH4 / NH4a		NH4 / NH4a		NH4a	
						Characteristic	gG										
						Un[V]Fuses	500 / 690					500					
						Icu[kA]	120										
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	250	315	355	400	425	500	630	800 / 1000	1250	500		
3VA2	LineProtection	160A	ETU320 / ETU330 / ETU560	36 / 55 / 85 / 110	160		5.9	10	12	T	T	T	T	T	T		
			ETU350 / ETU550 / ETU850 / ETU860				5.9	10	12	T	T	T	T	T	T		
		250A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110			3.5	4.1	4.9	T	T	T	T	T	T		
			ETU320 / ETU330 / ETU560			250			4.9	T	T	T	T	T	T		
			ETU345	55		160		3.5	4.1	4.9	T	T	T	T	T	T	

NH-fuse system as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH1	NH1 / NH2	NH2				NH3								
					Characteristic	gG														
					Un[V]Fuses	400 / 500	400 / 500 / 690	400 / 500	400 / 500 / 690			500								
					Icu[kA]	120														
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	224	250	200	355	400	224	250	300	315	200	224	300			
3VAZ	LineProtection	250A	ETU350 / ETU550 / ETU850 / ETU860	55 / 85 / 110	250					4.9										
		400A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		400															
		ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860																		
		ETU345		55	250															

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH3					NH3 / NH4 / NH4a		NH4 / NH4a		NH4a		
					Characteristic	gG											
					Un[V]Fuses	500 / 690					500						
					Icu[kA]	120											
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	250	315	355	400	425	500	630	800 / 1000	1250	500		
3VA2	LineProtection	250A	ETU350 / ETU550 / ETU850 / ETU860	55 / 85 / 110	250				4.9	T	T	T	T	T	T		
		400A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860		400						7.8	13	T	T	T	T	8.4
															T	T	
		ETU320 / ETU330 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860															
		ETU345		55	250					7.8	13	T	T	T	8.4		

NH-fuse system as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline		3NA													
					Application		LineProtection													
					FrameSize		NH1		NH1 / NH2		NH2			NH3						
					Characteristic		gG													
					Un[V]Fuses		400 / 500		400 / 500 / 690		400 / 500		400 / 500 / 690			500				
					Icu[kA]		120													
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	224	250	200	355	400	224	250	300	315	200	224	300			
3VAZ	LineProtection	630A / 1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU860	55 / 85 / 110	630	400														
						630														
			ETU345	55	400															
			ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	400 / 500															
		1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55 / 85 / 110	630															

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3NA											
						Application	LineProtection											
						FrameSize	NH3					NH3 / NH4 / NH4a	NH4 / NH4a		NH4a			
						Characteristic	gG											
						Un[V]Fuses	500 / 690					500						
						Icu[kA]	120											
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	250	315	355	400	425	500	630	800 / 1000	1250	500			
3VAZ	LineProtection	630A	ETU320 / ETU330 / ETU340 / ETU350	55 / 85 / 110	400									T	T			
					630												T	
			ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU560 / ETU850 / ETU860	55	400											T	T	
			ETU550 / ETU560 / ETU850 / ETU860	55 / 85 / 110	400 / 500											T	T	
		630A / 1000A	ETU345	55												T		
		1000A	ETU320 / ETU330 / ETU340 / ETU350 / ETU550 / ETU860	55 / 85 / 110	630												T	



NH-fuse system as upstream device  
in combination with molded case circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline		3NA													
					Application		LineProtection													
					FrameSize		NH1		NH1 / NH2		NH2				NH3					
					Characteristic		gG													
					Un[V]Fuses		400 / 500		400 / 500 / 690		400 / 500		400 / 500 / 690				500			
					Icu[kA]		120													
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	224	250	200	355	400	224	250	300	315	200	224	300			
3VA2	Motor-Protection	160A	ETU350M / ETU550M / ETU860M	55 / 110	25 / 40 / 63 / 100	3.5	4.1	3	10	12	3.5	4.1	5.8	5.9		3.4	5.8			
		250A			160				4.1	4.9			3.4	3.5				3.4		
		400A			200				4.1	4.9										
		630A			250															
		1000A			400 / 500															
		1600A			630															
	Starter-Protection	ETU310M	160A	110	25 / 40 / 63 / 100	3.5	4.1	3	10	12	3.5	4.1	5.8	5.9		3.4	5.8			
			250A		160				4.1	4.9			3.4	3.5			3.4			
			400A		250															
			630A		400															

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA									
					Application	LineProtection									
					FrameSize	NH3					NH3 / NH4 / NH4a	NH4 / NH4a		NH4a	
					Characteristic	gG									
					Un[V]Fuses	500 / 690					500				
					Icu[kA]	120									
Productline	Application	FrameSize	Tripunitytype	Icu[kA]	In[A]	250	315	355	400	425	500	630	800 / 1000	1250	500
3VA2	Motor-Protection	160A	ETU350M / ETU550M / ETU860M	55 / 110	25 / 40 / 63 / 100	4.2	5.9	10	12	T	T	T	T	T	T
		250A			160		3.5	4.1	4.9	T	T	T	T	T	T
		400A			200			4.1	4.9	T	T	T	T	T	T
		630A			250					7.8	13	T	T	T	8.4
		1000A			400 / 500								T	T	
					630										T
	Starter-Protection	160A	ETU310M	110	25 / 40 / 63 / 100	4.2	5.9	10	12	T	T	T	T	T	T
		250A			160		3.5	4.1	4.9	T	T	T	T	T	T
		400A			250					7.8	13	T	T	T	8.4
		630A			400								T	T	

## in combination with miniature circuit breaker as downstream devices

### 3NA - 5SL

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH000												
					Characteristic	gG												
					Un[V]Fuses	400	400 / 500			400 / 500 / 690								
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	63	80	100	16	20	25	32	35	40	50	
5SL3	LineProtection	B	4.5	4.5	6	T	T	2	3.2	T	0.1	0.2	0.4	0.7	1	1.2	1.6	
					10	T	T	1.8	2.9	T	0.1	0.2	0.4	0.6	0.9	1.1	1.4	
					16	T	T	1.5	2.3	4.2			0.3	0.5	0.7	0.9	1.2	
					20	T	T	1.7	2.6	T				0.6	0.8	1	1.3	
					25	T	T	1.6	2.3	T				0.6	0.8	1	1.2	
					32	T	T	1.5	2.3	4.4				0.5	0.7	0.9	1.1	
		40			T	T	1.6	2.4	T				0.5	0.7	0.9	1.2		
		50			T	T	1.4	2	3.7				0.5	0.7	0.8	1.1		
		63			4.1	T	1.2	1.8	3.3				0.4	0.6	0.7	1		
		B / C			13	T	T	1.8	2.8	T			0.4	0.6	0.9	1.1	1.4	
		C			0.3 / 0.5 / 1 / 1.6	T	T	T	T	T				1.1	3.2	T	T	T
					2	T	T	T	T	T				0.6	1	1.7	2.4	3.7
	3		T	T	2.9	T	T				0.5	0.9	1.3	1.6	2.2			
	4		T	T	3.4	T	T				0.5	0.8	1.2	1.6	2.5			
	6		T	T	2.8	T	T				0.5	0.9	1.2	1.6	2.1			
	8		T	T	1.9	3	T				0.4	0.7	0.9	1.1	1.5			
	10		T	T	1.8	2.9	T				0.4	0.6	0.9	1.1	1.4			
	16		T	T	1.5	2.4	T				0.5	0.7	0.9	1.2				
	20		T	T	1.5	2.2	4.2				0.5	0.7	0.9	1.1				
	25		T	T	1.5	2.2	4.1				0.5	0.7	0.9	1.1				
	32		T	T	1.4	2.1	4.4				0.5	0.7	0.9	1.1				
	40		T	T	1.4	2.1	4.2					0.6	0.8	1.1				
	50 / 63	4.1	T	1.2	1.8	3.3						0.7	0.9					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH00					NH00 / NH0	NH0								
					Characteristic	gG														
					Un[V]Fuses	400 / 500	400 / 500 / 690	500 / 690	690	500										
					Icu[kA]	120														
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125 / 160	80	100	50	63	40	35	32	40	50	63	80	100		
5SL3	LineProtection	B	4.5	4.5	6	T	3.2	T	1.6	2	1.2	1	0.7	1.2	1.6	1.9	3.1	T		
					10	T	2.9	T	1.4	1.8	1.1	0.9	0.6	1.1	1.4	1.7	2.8	T		
					16	T	2.3	4.1	1.2	1.5	0.9	0.7	0.5	0.9	1.2	1.4	2.2	4		
					20	T	2.6	T	1.3	1.7	1	0.8	0.6	1	1.3	1.5	2.5	T		
					25	T	2.3	4.4	1.3	1.6	1	0.8	0.6	1	1.2	1.5	2.3	4.2		
					32	T	2.3	4.3	1.2	1.5	0.9	0.7	0.5	0.9	1.1	1.3	2.2	4.1		
					40	T	2.4	T	1.2	1.6	0.9	0.7	0.5	0.9	1.2	1.4	2.3	4.3		
		50			T	2	3.6	1.1	1.4	0.8	0.7	0.5	0.8	1	1.3	2	3.5			
		63			T	1.8	3.2	1	1.2	0.7	0.6	0.4	0.7	1	1.1	1.8	3.1			
		B / C			13	T	2.8	T	1.4	1.8	1.1	0.9	0.6	1.1	1.4	1.6	2.8	T		
		C			0.3 / 0.5 / 1 / 1.6	T	T	T	T	T	T	T	T	3.2	T	T	T	T	T	
					2	T	T	T	3.8	T	2.4	1.7	1	2.4	3.6	T	T	T		
					3	T	T	T	2.3	2.9	1.6	1.3	0.9	1.6	2.2	2.6	T	T		
					4	T	T	T	2.5	3.4	1.6	1.2	0.8	1.6	2.4	3.1	T	T		
	6		T	T	T	2.2	2.8	1.6	1.2	0.9	1.6	2.1	2.5	4.4	T					
	8		T	3	T	1.5	1.9	1.1	0.9	0.7	1.1	1.5	1.8	2.9	T					
	10		T	2.9	T	1.4	1.8	1.1	0.9	0.6	1.1	1.4	1.7	2.8	T					
	16		T	2.4	T	1.2	1.5	0.9	0.7	0.5	0.9	1.2	1.4	2.3	4.3					
	20		T	2.2	4.1	1.2	1.5	0.9	0.7	0.5	0.9	1.1	1.3	2.2	3.9					
	25		T	2.2	4.1	1.1	1.5	0.9	0.7	0.5	0.9	1.1	1.3	2.1	3.9					
	32		T	2.1	4.3	1.1	1.4	0.9	0.7	0.5	0.9	1.1	1.3	2.1	4.1					
	40		T	2.1	4.1	1.1	1.4	0.8	0.6		0.8	1	1.3	2.1	3.9					
	50 / 63	T	1.8	3.2	1	1.2	0.7			0.7	0.9	1.1	1.8	3.1						

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH0	NH0 / NH1			NH1							
					Characteristic	gG											
					Un[V]Fuses	500			400 / 500			400 / 500 / 690		690			
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125 / 160	16	20	25	35	40	125 / 160 / 200 / 224 / 250	50	63	100	125 / 160 / 200	
5SL3	LineProtection	B	4.5	4.5	6	T	0.1	0.2	0.4	0.9	1	T	1.6	1.9	T	T	
					10	T	0.1	0.2	0.4	0.8	1	T	1.4	1.7	T	T	
					16	T			0.3	0.7	0.8	T	1.2	1.4	4	T	
					20	T				0.8	0.9	T	1.3	1.5	T	T	
					25	T				0.7	0.8	T	1.2	1.5	4.2	T	
					32	T				0.6	0.8	T	1.1	1.3	4.1	T	
					40	T				0.7	0.8	T	1.2	1.4	4.3	T	
					50	T				0.6	0.7	T	1	1.3	3.5	T	
					63	T				0.6	0.6	T	1	1.1	3.1	T	
		C			B / C	13	T			0.4	0.8	1	T	1.4	1.6	T	T
						0.3 / 0.5 / 1 / 1.6	T			1.1	T	T	T	T	T	T	T
						2	T			0.6	1.6	1.9	T	3.6	T	T	T
						3	T			0.5	1.2	1.4	T	2.2	2.6	T	T
						4	T			0.5	1.1	1.3	T	2.4	3.1	T	T
						6	T			0.5	1.1	1.3	T	2.1	2.5	T	T
						8	T			0.4	0.9	1	T	1.5	1.8	T	T
						10	T			0.4	0.8	1	T	1.4	1.7	T	T
						16	T				0.7	0.8	T	1.2	1.4	4.3	T
	20	T				0.7	0.8	T	1.1	1.3	3.9	T					
	25	T				0.7	0.7	T	1.1	1.3	3.9	T					
	32	T				0.6	0.7	T	1.1	1.3	4.1	T					
	40	T				0.6	0.7	T	1	1.3	3.9	T					
	50 / 63	T					0.6	T	0.9	1.1	3.1	T					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA								
					Application	LineProtection								
					FrameSize	NH1 / NH2	NH2							
					Characteristic	gG								
					Un[V]Fuses	400 / 500 / 690	400 / 500			400 / 500 / 690	500	690		
					Icu[kA]	120								
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	50	63	125 / 160 / 200 / 224 / 250 / 300 / 315 / 355 / 400	100	35	125 / 160 / 200 / 224 / 250 / 300 / 315		
5SL3	LineProtection	B	4.5	4.5	6	3.1	1.6	1.9	T	T	0.9	T		
					10	2.8	1.4	1.7	T	T	0.9	T		
					16	2.2	1.2	1.4	T	3.9	0.7	T		
					20	2.5	1.3	1.6	T	T	0.8	T		
					25	2.3	1.2	1.5	T	4.1	0.8	T		
					32	2.2	1.1	1.4	T	4	0.7	T		
					40	2.3	1.2	1.5	T	4.2	0.7	T		
		50			2	1	1.3	T	3.4	0.7	T			
		63			1.8	1	1.2	T	3	0.6	T			
		B / C			13	2.8	1.4	1.7	T	T	0.9	T		
		C			0.3 / 0.5 / 1 / 1.6	T	T	T	T	T	T	T		
					2	T	3.6	T	T	T	1.7	T		
					3	T	2.2	2.8	T	T	1.3	T		
					4	T	2.4	3.2	T	T	1.2	T		
	6		4.4	2.1	2.6	T	T	1.2	T					
	8		2.9	1.5	1.8	T	T	0.9	T					
	10		2.8	1.4	1.7	T	T	0.9	T					
	16		2.3	1.2	1.4	T	4.2	0.7	T					
	20		2.2	1.1	1.4	T	3.8	0.7	T					
	25		2.1	1.1	1.4	T	3.8	0.7	T					
	32		2.1	1.1	1.3	T	4	0.7	T					
	40		2.1	1	1.3	T	3.8	0.6	T					
	50 / 63	1.8	0.9	1.1	T	3		T						

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA			
					Application	LineProtection			
					FrameSize	NH3		NH4	NH4a
					Characteristic	gG			
					Un[V]Fuses	500		690	500
					Icu[kA]	120			
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	200 / 224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	250 / 315 / 355 / 400 / 425 / 500	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250
5SL3	LineProtection	B	4.5	4.5	6	T	T	T	T
					10	T	T	T	T
					16	T	T	T	T
					20	T	T	T	T
					25	T	T	T	T
					32	T	T	T	T
					40	T	T	T	T
		50			T	T	T	T	
		63			T	T	T	T	
		B / C			13	T	T	T	T
					0.3 / 0.5 / 1 / 1.6	T	T	T	T
		C			2	T	T	T	T
					3	T	T	T	T
					4	T	T	T	T
	6		T	T	T	T			
	8		T	T	T	T			
	10		T	T	T	T			
	16		T	T	T	T			
	20		T	T	T	T			
	25		T	T	T	T			
	32		T	T	T	T			
	40		T	T	T	T			
	50 / 63		T	T	T	T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH000														
					Characteristic	gG														
					Un[V]Fuses	400	400 / 500			400 / 500 / 690										
					Icu[kA]	120														
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	63	80	100	16	20	25	32	35	40	50			
5SL4	LineProtection	B	10	10	1	T	T	T	T	T	6.9	T	T	T	T	T	T	T		
					2	T	T	T	T	T		0.5	2.4	T	T	T	T	T	T	
					3	T	T	T	T	T			0.9	2.3	5.4	T	T	T	T	
					4	T	T	6.3	T	T			0.7	1.2	1.9	2.6	4.3			
					6	T	T	4.1	8.7	T			0.6	0.9	1.5	2	2.8			
					8	T	T	3.2	5.8	T			0.5	0.9	1.3	1.7	2.4			
					10	T	T	2.6	4.6	T			0.5	0.8	1.2	1.5	2			
					13	T	T	2.3	3.9	8.6				0.7	1.1	1.4	1.8			
					16	8.2	T	2.1	3.2	6.3				0.7	0.9	1.2	1.6			
					20	7.2	T	1.9	2.9	6.1				0.6	0.9	1.1	1.5			
					25	6.7	T	1.8	2.8	5.5				0.6	0.9	1.1	1.4			
					32 / 40	5.1	T	1.6	2.4	4.5					0.5	0.7	0.9	1.2		
					50	4.6	8.6	1.4	2	3.6					0.5	0.7	0.8	1.1		
					63	4.1	7.1	1.3	1.9	3.3						0.6	0.8	1		
					0.3 / 0.5 / 1 / 1.6	T	T	T	T	T					1.1	3.2	T	T	T	
	2	T	T	T	T	T					0.7	1.5	2.5	3.9	5.8					
	3	T	T	5.7	T	T					0.6	1.1	1.7	2.4	3.7					
	4	T	T	4.1	7.8	T					0.6	0.9	1.5	2	2.9					
	6	T	T	2.8	5.2	T					0.5	0.8	1.2	1.5	2.1					
	8 / 10	9.9	T	1.8	2.8	7.1						0.6	0.8	1.1	1.4					
	13 / 16	7	T	1.8	2.8	5.9						0.6	0.8	1.1	1.4					
	20 / 25	6	T	1.6	2.4	4.6						0.5	0.8	0.9	1.2					
	32	5.3	T	1.4	2.1	4.1						0.5	0.7	0.8	1.1					
	40	5.3	9.7	1.4	2.1	4.2							0.6	0.8	1.1					
	50 / 63	4.3	7.1	1.2	2	3.6							0.6	0.7	0.9					
	0.3 / 0.5 / 1 / 1.6	T	T	T	T	T					0.9	1.6	2.7	4.2	7.4					
	2	T	T	7.1	T	T					0.6	1.3	2.1	2.7	4.1					
	3	T	T	4.1	8.4	T					0.6	1	1.5	2	2.8					



NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH00						NH00 / NH0	NH0					
					Characteristic	gG												
					Un[V]Fuses	400 / 500	400 / 500 / 690	500 / 690	690	500								
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	80	100	50	63	40	35	16	20	32	40	50
5SL4	LineProtection	B	10	10	1	T	T	T	T	T	T	T	T	T	T	T	T	T
					2	T	T	T	T	T	T	T	T		0.6	T	T	T
					3	T	T	T	T	T	T	T	5.4			2.3	T	T
					4	T	T	T	T	4.5	6.3	2.6	1.9			1.2	2.6	4.2
					6	T	T	8.6	T	2.9	4.1	2	1.5			0.9	2	2.8
					8	T	T	5.8	T	2.4	3.2	1.7	1.3			0.9	1.7	2.3
					10	T	T	4.6	T	2	2.6	1.5	1.2			0.8	1.5	2
					13	T	T	3.9	8.3	1.9	2.3	1.4	1.1			0.7	1.4	1.8
					16	T	T	3.2	6.2	1.7	2.1	1.2	0.9			0.7	1.2	1.6
					20	8.5	T	2.9	6	1.5	1.9	1.1	0.9			0.6	1.1	1.4
					25	7.4	T	2.8	5.4	1.4	1.8	1.1	0.9			0.6	1.1	1.4
					32 / 40	5.5	T	2.4	4.5	1.2	1.6	0.9	0.7			0.5	0.9	1.2
					50	5.3	8.3	2	3.5	1.1	1.4	0.8	0.7			0.5	0.8	1.1
					63	4.7	7	1.9	3.3	1	1.3	0.8	0.6				0.8	1
					0.3 / 0.5 / 1 / 1.6	T	T	T	T	T	T	T	T			3.2	T	T
		2	T	T	T	T	6	T	3.9	2.5			1.5	3.9	5.7			
		3	T	T	T	T	3.9	5.7	2.4	1.7			1.1	2.4	3.6			
		4	T	T	7.8	T	3	4.1	2	1.5			0.9	2	2.9			
		6	T	T	5.2	T	2.1	2.8	1.5	1.2			0.8	1.5	2			
		8 / 10	T	T	2.8	7	1.4	1.8	1.1	0.8			0.6	1.1	1.4			
		13 / 16	8.3	T	2.8	5.7	1.4	1.8	1.1	0.8			0.6	1.1	1.4			
		20 / 25	6.6	T	2.4	4.5	1.3	1.6	0.9	0.8			0.5	0.9	1.2			
		32	6.1	9.9	2.1	4	1.1	1.4	0.8	0.7			0.5	0.8	1.1			
		40	6	9.4	2.1	4.1	1.1	1.4	0.8	0.6				0.8	1			
		50 / 63	4.9	7	2	3.6	1	1.2	0.7	0.6				0.7	0.9			
		0.3 / 0.5 / 1 / 1.6	T	T	T	T	9.5	T	4.2	2.7			1.6	4.2	7.3			
		2	T	T	T	T	4.2	7.1	2.7	2.1			1.3	2.7	4			
		3	T	T	8.4	T	2.9	4.1	2	1.5			1	2	2.8			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH0				NH0 / NH1		NH1								
					Characteristic	gG														
					Un[V]Fuses	500				400 / 500			400 / 500 / 690							
					Icu[kA]	120														
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	160	25	35	40	200 / 224 / 250	50	63	100			
5SL4	LineProtection	B	10	10	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
					2	T	T	T	T	T	2.4	T	T	T	T	T	T	T	T	T
					3	T	T	T	T	T	0.9	4.4	7.1	T	T	T	T	T	T	T
					4	5.5	T	T	T	T	0.7	1.7	2.1	T	4.2	5.5	T	T	T	T
					6	3.6	8.1	T	T	T	0.6	1.4	1.7	T	2.8	3.6	T	T	T	T
					8	2.9	5.6	T	T	T	0.5	1.2	1.4	T	2.3	2.9	T	T	T	T
					10	2.4	4.4	T	T	T	0.5	1.1	1.3	T	2	2.4	T	T	T	T
					13	2.1	3.8	7.7	T	T		1	1.2	T	1.8	2.1	7.7	T	T	T
					16	1.9	3.2	6	T	T		0.9	1	T	1.6	1.9	6	T	T	T
		20			1.7	2.9	5.7	8.5	T		0.8	1	T	1.4	1.7	5.7	T	T	T	
		25			1.6	2.7	5.1	7.4	T		0.8	0.9	T	1.4	1.6	5.1	T	T	T	
		32 / 40			1.4	2.3	4.3	5.4	T		0.7	0.8	T	1.2	1.4	4.3	T	T	T	
		50			1.3	2	3.4	5.3	8.6		0.6	0.7	T	1.1	1.3	3.4	T	T	T	
		63			1.1	1.8	3.1	4.7	7.2		0.6	0.7	T	1	1.1	3.1	T	T	T	
		0.3 / 0.5 / 1 / 1.6			T	T	T	T	T	1.1	T	T	T	T	T	T	T	T	T	
		2			9.4	T	T	T	T	0.7	2.2	2.8	T	5.7	9.4	T	T	T	T	
		3			4.9	T	T	T	T	0.6	1.5	1.9	T	3.6	4.9	T	T	T	T	
		4			3.7	7.4	T	T	T	0.6	1.3	1.6	T	2.9	3.7	T	T	T	T	
	6	2.5	5	T	T	T	0.5	1.1	1.3	T	2	2.5	T	T	T	T				
	8 / 10	1.7	2.7	6.7	T	T		0.8	0.9	T	1.4	1.7	6.7	T	T	T				
	13 / 16	1.7	2.7	5.2	8.2	T		0.8	0.9	T	1.4	1.7	5.2	T	T	T				
	20 / 25	1.4	2.3	4.3	6.6	T		0.7	0.8	T	1.2	1.4	4.3	T	T	T				
	32	1.3	2.1	3.8	6.1	T		0.6	0.7	T	1.1	1.3	3.8	T	T	T				
	40	1.3	2.1	3.9	6	9.7		0.6	0.7	T	1	1.3	3.9	T	T	T				
	50 / 63	1.1	1.9	3.4	4.9	7.1			0.6	T	0.9	1.1	3.4	T	T	T				
	0.3 / 0.5 / 1 / 1.6	T	T	T	T	T	0.9	2.4	3	T	7.3	T	T	T	T	T				
	2	6.5	T	T	T	T	0.6	1.9	2.2	T	4	6.5	T	T	T	T				
	3	3.6	7.8	T	T	T	0.6	1.4	1.7	T	2.8	3.6	T	T	T	T				

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH1				NH1 / NH2		NH2								
					Characteristic	gG														
					Un[V]Fuses	400 / 500 / 690		500		690		400 / 500 / 690		400 / 500						
					Icu[kA]	120														
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	16	20	200	80	50	63	200 / 224 / 250 / 300 / 315 / 355 / 400						
5SL4	LineProtection	B	10	10	1	T	T	9	T	T	T	T	T	T	T					
					2	T	T		0.5	T	T	T	T	T	T	T				
					3	T	T			T	T	T	T	T	T	T				
					4	T	T			T	T	4.2	5.8				T			
					6	T	T			T	8.1	2.8	3.8				T			
					8	T	T			T	5.6	2.3	3				T			
					10	T	T			T	4.4	2	2.5				T			
					13	T	T			T	3.8	1.8	2.2				T			
					16	T	T			T	3.2	1.6	2				T			
					20	8.5	T			T	2.9	1.4	1.8				T			
					25	7.4	T			T	2.7	1.4	1.7				T			
					32 / 40	5.4	T			T	2.3	1.2	1.5				T			
					50	5.3	8.6			T	2	1.1	1.3				T			
					63	4.7	7.2			T	1.8	1	1.2				T			
					0.3 / 0.5 / 1 / 1.6	T	T			T	T	T	T	T	T	T	T	T		
	C	10	10	10	10	2	T	T			T	T	5.7	T	T					
						3	T	T			T	T	3.6	5.2		T				
						4	T	T			T	7.4	2.9	3.8			T			
						6	T	T			T	5	2	2.6			T			
						8 / 10	T	T			T	2.7	1.4	1.7				T		
						13 / 16	8.2	T			T	2.7	1.4	1.7				T		
						20 / 25	6.6	T			T	2.3	1.2	1.5				T		
						32	6.1	T			T	2.1	1.1	1.3				T		
						40	6	9.7			T	2.1	1	1.3				T		
						50 / 63	4.9	7.1			T	1.9	0.9	1.2				T		
						0.3 / 0.5 / 1 / 1.6	T	T			T	T	7.3	T	T	T	T	T		
						D	10	10	10	10	2	T	T			T	T	4	6.7	T
											3	T	T			T	7.8	2.8	3.8	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA								
					Application	LineProtection								
					FrameSize	NH2				NH3				
					Characteristic	gG								
					Un[V]Fuses	400 / 500 / 690		500	690	500		690		
					Icu[kA]	120								
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100	125	160	35	200 / 224 / 250 / 300 / 315	200 / 224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	250 / 315 / 355 / 400 / 425 / 500		
5SL4	LineProtection	B	10	10	1	T	T	T	T	T	T	T		
					2	T	T	T	T	T	T	T		
					3	T	T	T	5.1	T	T	T		
					4	T	T	T	1.8	T	T	T		
					6	T	T	T	1.5	T	T	T		
					8	T	T	T	1.3	T	T	T		
					10	T	T	T	1.1	T	T	T		
					13	7.4	T	T	1.1	T	T	T		
					16	5.8	T	T	0.9	T	T	T		
					20	5.5	8.2	T	0.9	T	T	T		
					25	4.9	7.3	T	0.8	T	T	T		
					32 / 40	4.2	5.4	T	0.7	T	T	T		
					50	3.3	5.2	8.6	0.7	T	T	T		
					63	3.1	4.6	7.1	0.6	T	T	T		
					0.3 / 0.5 / 1 / 1.6	T	T	T	T	T	T	T		
	C	10	10	2	T	T	T	2.4	T	T	T			
				3	T	T	T	1.6	T	T	T			
				4	T	T	T	1.4	T	T	T			
				6	T	T	T	1.1	T	T	T			
				8 / 10	6.5	T	T	0.8	T	T	T			
				13 / 16	5	7.1	T	0.8	T	T	T			
				20 / 25	4.2	6.5	T	0.7	T	T	T			
				32	3.7	6	T	0.6	T	T	T			
				40	3.8	5.9	9.6	0.6	T	T	T			
				50 / 63	3.4	4.8	7.1	0.6	T	T	T			
				0.3 / 0.5 / 1 / 1.6	T	T	T	2.6	T	T	T			
				D	10	10	2	T	T	T	2	T	T	T
							3	T	T	T	1.5	T	T	T

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA	
					Application	LineProtection	
					FrameSize	NH4	NH4a
					Characteristic	gG	
					Un[V]Fuses	500	
					Icu[kA]	120	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250
5SL4	LineProtection	B	10	10	1	T	T
					2	T	T
					3	T	T
					4	T	T
					6	T	T
					8	T	T
					10	T	T
					13	T	T
					16	T	T
		20			T	T	
		25			T	T	
		32 / 40			T	T	
		50			T	T	
		63			T	T	
		0.3 / 0.5 / 1 / 1.6			T	T	
		C			2	T	T
					3	T	T
					4	T	T
	6		T	T			
	8 / 10		T	T			
	13 / 16		T	T			
	20 / 25		T	T			
	32		T	T			
	40		T	T			
	50 / 63	T	T				
	D	0.3 / 0.5 / 1 / 1.6	T	T			
		2	T	T			
		3	T	T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH000											
					Characteristic	gG											
					Un[V]Fuses	400	400 / 500			400 / 500 / 690							
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	63	80	100	16	20	25	32	35	40	50
5SL4	LineProtection	D	10	10	4	T	T	3.2	5.6	T			0.5	0.8	1.3	1.7	2.3
					6	T	T	2.5	4.2	T				0.7	1	1.3	1.9
					8 / 10	7.2	T	1.5	2.4	5.4				0.5	0.7	0.8	1.1
					13 / 16	6.1	T	1.5	2.4	4.6				0.5	0.7	0.8	1.1
					20 / 25	5.5	T	1.4	2.2	4.3					0.6	0.8	1
					32	5.5	T	1.5	2.3	4.4					0.6	0.8	1.1
					40	4.7	8.8	1.2	1.9	3.7							0.9
					50 / 63	3.7	6.6		1.6	2.9							

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH00						NH00 / NH0	NH0					
					Characteristic	gG												
					Un[V]Fuses	400 / 500	400 / 500 / 690	500 / 690	690	500								
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	80	100	50	63	40	35	16	20	32	40	50
5SL4	LineProtection	D	10	10	4	T	T	5.6	T	2.4	3.2	1.7	1.3			0.8	1.7	2.3
					6	T	T	4.2	T	1.9	2.5	1.3	1			0.7	1.3	1.8
					8 / 10	9.6	T	2.4	5.3	1.2	1.5	0.8	0.7			0.5	0.8	1.1
					13 / 16	6.8	T	2.4	4.5	1.2	1.5	0.8	0.7			0.5	0.8	1.1
					20 / 25	6.2	T	2.2	4.2	1.1	1.4	0.8	0.6				0.8	1
					32	6.2	T	2.3	4.3	1.1	1.5	0.8	0.6				0.8	1.1
					40	5.5	8.5	1.9	3.6	0.9	1.2							0.9
					50 / 63	4.3	6.5	1.6	2.8									

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH0					NH0 / NH1		NH1				
					Characteristic	gG											
					Un[V]Fuses	500					400 / 500			400 / 500 / 690			
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	160	25	35	40	200 / 224 / 250	50	63	100
5SL4	LineProtection	D	10	10	4	2.8	5.5	T	T	T	0.5	1.1	1.4	T	2.3	2.8	T
					6	2.3	4.1	T	T	T		1	1.1	T	1.8	2.3	T
					8 / 10	1.4	2.3	5	9.5	T		0.6	0.7	T	1.1	1.4	5
					13 / 16	1.4	2.3	4.3	6.7	T		0.6	0.7	T	1.1	1.4	4.3
					20 / 25	1.3	2.1	4	6.2	T		0.6	0.7	T	1	1.3	4
					32	1.3	2.2	4.1	6.2	T		0.6	0.7	T	1.1	1.3	4.1
					40	1.1	1.9	3.5	5.5	8.8				T	0.9	1.1	3.5
					50 / 63		1.6	2.7	4.3	6.6				T			2.7



NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA								
					Application	LineProtection								
					FrameSize	NH1				NH1 / NH2		NH2		
					Characteristic	gG								
					Un[V]Fuses	400 / 500 / 690	500		690	400 / 500 / 690		400 / 500		
					Icu[kA]	120								
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	16	20	200	80	50	63	200 / 224 / 250 / 300 / 315 / 355 / 400
5SL4	LineProtection	D	10	10	4	T	T			T	5.5	2.3	3	T
					6	T	T			T	4.1	1.8	2.4	T
					8 / 10	9.5	T			T	2.3	1.1	1.4	T
					13 / 16	6.7	T			T	2.3	1.1	1.4	T
					20 / 25	6.2	T			T	2.1	1	1.3	T
					32	6.2	T			T	2.2	1.1	1.4	T
					40	5.5	8.8			T	1.9	0.9	1.2	T
					50 / 63	4.3	6.6			T	1.6			T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA							
					Application	LineProtection							
					FrameSize	NH2				NH3			
					Characteristic	gG							
					Un[V]Fuses	400 / 500 / 690		500	690	500		690	
					Icu[kA]	120							
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100	125	160	35	200 / 224 / 250 / 300 / 315	200 / 224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	250 / 315 / 355 / 400 / 425 / 500	
5SL4	LineProtection	D	10	10	4	T	T	T	1.2	T	T	T	
					6	T	T	T	1	T	T	T	
					8 / 10	4.9	9.1	T	0.7	T	T	T	
					13 / 16	4.2	6.6	T	0.7	T	T	T	
					20 / 25	3.9	6.1	T	0.6	T	T	T	
					32	4	6.1	T	0.6	T	T	T	
					40	3.4	5.4	8.8		T	T	T	
					50 / 63	2.6	4.2	6.6		T	T	T	

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA	
					Application	LineProtection	
					FrameSize	NH4	NH4a
					Characteristic	gG	
					Un[V]Fuses	500	
					Icu[kA]	120	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250
5SL4	LineProtection	D	10	10	4	T	T
					6	T	T
					8 / 10	T	T
					13 / 16	T	T
					20 / 25	T	T
					32	T	T
					40	T	T
					50 / 63	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH000										NH00	
					Characteristic	gG											
					Un[V]Fuses	400	400 / 500			400 / 500 / 690					400 / 500		
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	63	80	100	25	32	35	40	50	125	160
5SL6	LineProtection	B	6	6	2	T	T	T	T	T	1.4	T	T	T	T	T	T
					4	T	T	4	T	T	0.5	0.8	1.2	1.6	2.8	T	T
					6	T	T	2	3.2	T	0.4	0.7	1	1.2	1.6	T	T
					16	5	T	1.5	2.3	4.2	0.3	0.5	0.7	0.9	1.2	5.5	T
					20	T	T	1.7	2.6	5		0.6	0.8	1	1.3	T	T
					25	5.4	T	1.6	2.3	4.5		0.6	0.8	1	1.2	T	T
		32			5.3	T	1.5	2.3	4.4		0.5	0.7	0.9	1.1	T	T	
		40			5.1	T	1.6	2.4	4.5		0.5	0.7	0.9	1.2	5.5	T	
		50			4.6	T	1.4	2	3.7		0.5	0.7	0.8	1.1	5.2	T	
		63			4.1	T	1.2	1.8	3.3		0.4	0.6	0.7	1	4.7	T	
		B / C			10	T	T	1.8	2.9	5.4	0.4	0.6	0.9	1.1	1.4	T	T
		13			T	T	1.8	2.8	5.7	0.4	0.6	0.9	1.1	1.4	T	T	
	C	0.3 / 0.5 / 1 / 1.6	T	T	T	T	T	1.1	3.2	T	T	T	T	T			
		2	T	T	T	T	T	0.6	1	1.7	2.4	3.7	T	T			
		3	T	T	2.9	T	T	0.5	0.9	1.3	1.6	2.2	T	T			
		4	T	T	3.4	T	T	0.5	0.8	1.2	1.6	2.5	T	T			
		6	T	T	2.8	4.6	T	0.5	0.9	1.2	1.6	2.1	T	T			
		8	T	T	1.9	3	5.8	0.4	0.7	0.9	1.1	1.5	T	T			
		16	5.7	T	1.5	2.4	4.6		0.5	0.7	0.9	1.2	T	T			
		20	5.3	T	1.5	2.2	4.2		0.5	0.7	0.9	1.1	T	T			
		25	5.2	T	1.5	2.2	4.1		0.5	0.7	0.9	1.1	5.8	T			
		32	5	T	1.4	2.1	4.4		0.5	0.7	0.9	1.1	5.5	T			
		40	5.3	T	1.4	2.1	4.2			0.6	0.8	1.1	T	T			
		50 / 63	4.1	T	1.2	1.8	3.3				0.7	0.9	4.6	T			

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA													
					Application	LineProtection													
					FrameSize	NH00				NH00 / NH0	NH0								
					Characteristic	gG													
					Un[V]Fuses	400 / 500 / 690	500 / 690		690	500									
					Icu[kA]	120													
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	50	63	40	35	20	32	40	50	63	80	100	
5SL6	LineProtection	B	6	6	2	T	T	T	T	T	T	0.4	T	T	T	T	T	T	
					4	T	T	2.9	4	1.6	1.2		0.8	1.6	2.7	3.6	T	T	
					6	3.2	T	1.6	2	1.2	1		0.7	1.2	1.6	1.9	3.1	T	
					16	2.3	4.1	1.2	1.5	0.9	0.7		0.5	0.9	1.2	1.4	2.2	4	
					20	2.6	4.9	1.3	1.7	1	0.8		0.6	1	1.3	1.5	2.5	4.7	
					25	2.3	4.4	1.3	1.6	1	0.8		0.6	1	1.2	1.5	2.3	4.2	
					32	2.3	4.3	1.2	1.5	0.9	0.7		0.5	0.9	1.1	1.3	2.2	4.1	
					40	2.4	4.5	1.2	1.6	0.9	0.7		0.5	0.9	1.2	1.4	2.3	4.3	
					50	2	3.6	1.1	1.4	0.8	0.7		0.5	0.8	1	1.3	2	3.5	
		63			1.8	3.2	1	1.2	0.7	0.6		0.4	0.7	1	1.1	1.8	3.1		
		C			B / C	10	2.9	5.2	1.4	1.8	1.1	0.9		0.6	1.1	1.4	1.7	2.8	5
						13	2.8	5.5	1.4	1.8	1.1	0.9		0.6	1.1	1.4	1.6	2.8	5.2
						0.3 / 0.5 / 1 / 1.6	T	T	T	T	T	T		3.2	T	T	T	T	T
					2	T	T	3.8	T	2.4	1.7		1	2.4	3.6	5.2	T	T	
					3	T	T	2.3	2.9	1.6	1.3		0.9	1.6	2.2	2.6	T	T	
	4		T	T	2.5	3.4	1.6	1.2		0.8	1.6	2.4	3.1	5.8	T				
	6		4.6	T	2.2	2.8	1.6	1.2		0.9	1.6	2.1	2.5	4.4	T				
	8		3	5.7	1.5	1.9	1.1	0.9		0.7	1.1	1.5	1.8	2.9	5.4				
	16		2.4	4.5	1.2	1.5	0.9	0.7		0.5	0.9	1.2	1.4	2.3	4.3				
	20		2.2	4.1	1.2	1.5	0.9	0.7		0.5	0.9	1.1	1.3	2.2	3.9				
	25		2.2	4.1	1.1	1.5	0.9	0.7		0.5	0.9	1.1	1.3	2.1	3.9				
	32		2.1	4.3	1.1	1.4	0.9	0.7		0.5	0.9	1.1	1.3	2.1	4.1				
	40	2.1	4.1	1.1	1.4	0.8	0.6			0.8	1	1.3	2.1	3.9					
	50 / 63	1.8	3.2	1	1.2	0.7				0.7	0.9	1.1	1.8	3.1					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH0		NH0 / NH1		NH1							
					Characteristic	gG											
					Un[V]Fuses	500			400 / 500			400 / 500 / 690			690		
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	25	35	40	160 / 200 / 224 / 250	50	63	100	125	160 / 200	
5SL6	LineProtection	B	6	6	2	T	T	1.4	T	T	T	T	T	T	T	T	
					4	T	T	0.5	1	1.2	T	2.7	3.6	T	T	T	
					6	T	T	0.4	0.9	1	T	1.6	1.9	T	T	T	
					16	5.5	T	0.3	0.7	0.8	T	1.2	1.4	4	5.5	T	
					20	T	T		0.8	0.9	T	1.3	1.5	4.7	T	T	
					25	5.9	T		0.7	0.8	T	1.2	1.5	4.2	5.9	T	
					32	5.9	T		0.6	0.8	T	1.1	1.3	4.1	5.9	T	
					40	5.4	T		0.7	0.8	T	1.2	1.4	4.3	5.4	T	
					50	5.2	T		0.6	0.7	T	1	1.3	3.5	5.2	T	
		63			4.6	T		0.6	0.6	T	1	1.1	3.1	4.6	T		
		C			B / C	10	T	T	0.4	0.8	1	T	1.4	1.7	5	T	T
						13	T	T	0.4	0.8	1	T	1.4	1.6	5.2	T	T
						0.3 / 0.5 / 1 / 1.6	T	T	1.1	T	T	T	T	T	T	T	T
						2	T	T	0.6	1.6	1.9	T	3.6	5.2	T	T	T
						3	T	T	0.5	1.2	1.4	T	2.2	2.6	T	T	T
						4	T	T	0.5	1.1	1.3	T	2.4	3.1	T	T	T
						6	T	T	0.5	1.1	1.3	T	2.1	2.5	T	T	T
						8	T	T	0.4	0.9	1	T	1.5	1.8	5.4	T	T
	16		T	T			0.7	0.8	T	1.2	1.4	4.3	T	T			
	20	T	T		0.7	0.8	T	1.1	1.3	3.9	T	T					
	25	5.8	T		0.7	0.7	T	1.1	1.3	3.9	5.8	T					
	32	5.4	T		0.6	0.7	T	1.1	1.3	4.1	5.4	T					
	40	T	T		0.6	0.7	T	1	1.3	3.9	T	T					
	50 / 63	4.6	T			0.6	T	0.9	1.1	3.1	4.6	T					

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA									
					Application	LineProtection									
					FrameSize	NH1 / NH2	NH2								
					Characteristic	gG									
					Un[V]Fuses	400 / 500 / 690	400 / 500			400 / 500 / 690		500	690		
					Icu[kA]	120									
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	50	63	160 / 200 / 224 / 250 / 300 / 315 / 355 / 400	100	125	35	160 / 200 / 224 / 250 / 300 / 315		
5SL6	LineProtection	B	6	6	2	T	T	T	T	T	T	T	T		
					4	T	2.7	3.7	T	T	T	1.1	T		
					6	3.1	1.6	1.9	T	5.9	T	0.9	T		
					16	2.2	1.2	1.4	T	3.9	5.4	0.7	T		
					20	2.5	1.3	1.6	T	4.6	T	0.8	T		
					25	2.3	1.2	1.5	T	4.1	5.8	0.8	T		
		32			2.2	1.1	1.4	T	4	5.8	0.7	T			
		40			2.3	1.2	1.5	T	4.2	5.4	0.7	T			
		50			2	1	1.3	T	3.4	5.1	0.7	T			
		63			1.8	1	1.2	T	3	4.5	0.6	T			
		10			2.8	1.4	1.7	T	4.9	T	0.9	T			
		13			2.8	1.4	1.7	T	5	T	0.9	T			
	0.3 / 0.5 / 1 / 1.6	T	T	T	T	T	T	T	T						
	C	LineProtection	6	6	6	2	T	3.6	5.6	T	T	T	1.7	T	
						3	T	2.2	2.8	T	T	T	1.3	T	
						4	5.8	2.4	3.2	T	T	T	1.2	T	
						6	4.4	2.1	2.6	T	T	T	1.2	T	
						8	2.9	1.5	1.8	T	5.3	T	0.9	T	
						16	2.3	1.2	1.4	T	4.2	T	0.7	T	
						20	2.2	1.1	1.4	T	3.8	T	0.7	T	
						25	2.1	1.1	1.4	T	3.8	5.7	0.7	T	
						32	2.1	1.1	1.3	T	4	5.4	0.7	T	
						40	2.1	1	1.3	T	3.8	5.9	0.6	T	
						50 / 63	1.8	0.9	1.1	T	3	4.5		T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA			
					Application	LineProtection			
					FrameSize	NH3		NH4	NH4a
					Characteristic	gG			
					Un[V]Fuses	500		690	500
					Icu[kA]	120			
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	200 / 224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	250 / 315 / 355 / 400 / 425 / 500	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250
5SL6	LineProtection	B	6	6	2	T	T	T	T
					4	T	T	T	T
					6	T	T	T	T
					16	T	T	T	T
					20	T	T	T	T
					25	T	T	T	T
		32			T	T	T	T	
		40			T	T	T	T	
		50			T	T	T	T	
		63			T	T	T	T	
		10			T	T	T	T	
		13			T	T	T	T	
	0.3 / 0.5 / 1 / 1.6	T	T	T	T				
	C	6	6	2	T	T	T	T	
				3	T	T	T	T	
				4	T	T	T	T	
				6	T	T	T	T	
				8	T	T	T	T	
				16	T	T	T	T	
				20	T	T	T	T	
				25	T	T	T	T	
				32	T	T	T	T	
				40	T	T	T	T	
				50 / 63	T	T	T	T	



NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA													
				Application	LineProtection													
				FrameSize	NH000													
				Characteristic	gG													
				Un[V]Fuses	400	400 / 500			400 / 500 / 690									
				Icu[kA]	120													
Productline	Application	Characteristic	Icn[kA]	In[A]	125	160	63	80	100	16	20	25	32	35	40	50		
5SL60(1+N)	LineProtection	B	6	6	T	T	4.8	T	T	0.1	0.3	0.6	1.1	1.8	2.3	3.4		
				10	T	T	3.6	T	T	0.1	0.2	0.6	1	1.5	1.9	2.6		
				13 / 16	T	T	2.5	4	T	0.1	0.2	0.5	0.8	1.1	1.4	1.9		
				20 / 25	T	T	1.8	2.8	4.8		0.2	0.4	0.6	0.9	1.1	1.4		
				32	T	T	2.1	3.4	T		0.2	0.4	0.6	0.9	1.1	1.6		
				40	T	T	1.9	3.1	T		0.2	0.4	0.6	0.8	1.1	1.5		
		C		2	T	T	T	T	T	0.2	0.4	0.9	1.9	3.3	5.5	T		
				4	T	T	5.7	T	T	0.1	0.3	0.7	1.3	1.9	2.5	3.7		
	6			T	T	3.3	T	T	0.1	0.2	0.5	0.9	1.4	1.8	2.4			
	8 / 10			T	T	2.7	4.3	T		0.2	0.4	0.7	1.1	1.4	2			
	13 / 16			T	T	2.2	3.1	5.8		0.2	0.3	0.9	1.3	1.5	1.9			
	20			T	T	1.9	2.9	5.2		0.2	0.3	0.6	0.8	1.1	1.4			
						25	5.3	T	1.7	2.7	4.6				0.5	0.8	1	1.3
						32	T	T	2.1	3.5	T				0.6	0.9	1.1	1.5
						40	T	T	1.9	3	T				0.5	0.8	1	1.4

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA														
				Application	LineProtection														
				FrameSize	NH00								NH00 / NH0	NH0					
				Characteristic	gG														
				Un[V]Fuses	400 / 500	400 / 500 / 690	500 / 690	690	500										
				Icu[kA]	120														
Productline	Application	Characteristic	Icn[kA]	In[A]	125	160	80	100	50	63	40	35	10	16	20	32	40		
5SL60(1+N)	LineProtection	B	6	6	T	T	T	T	3.6	4.8	2.3	1.8	0.1	0.2	0.3	1.1	2.3		
				10	T	T	T	T	2.7	3.6	1.9	1.5		0.2	0.3	1	1.9		
				13 / 16	T	T	4	T	2	2.5	1.4	1.1		0.1	0.2	0.8	1.4		
				20 / 25	T	T	2.8	4.7	1.4	1.8	1.1	0.9			0.2	0.6	1.1		
		32		T	T	3.4	T	1.6	2.1	1.1	0.9			0.2	0.6	1.1			
		40		T	T	3.1	T	1.5	1.9	1.1	0.8			0.2	0.6	1.1			
		2		T	T	T	T	T	T	5.5	3.3	0.1	0.3	0.5	1.9	5.5			
		4		T	T	T	T	3.9	5.7	2.5	1.9	0.1	0.2	0.3	1.3	2.5			
	6	T		T	T	T	2.5	3.3	1.8	1.4		0.2	0.2	0.9	1.8				
	8 / 10	T		T	4.3	T	2	2.7	1.4	1.1		0.1	0.2	0.7	1.4				
	13 / 16	T		T	3.1	5.7	1.9	2.2	1.5	1.3			0.2	0.9	1.5				
	20	T		T	2.9	5.1	1.5	1.9	1.1	0.8			0.2	0.6	1.1				
	25	5.8		T	2.7	4.6	1.3	1.7	1	0.8				0.5	1				
	32	T		T	3.5	T	1.6	2.1	1.1	0.9				0.6	1.1				
	40	T		T	3	T	1.4	1.9	1	0.8				0.5	1				

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA									
				Application	LineProtection									
				FrameSize	NH0					NH0 / NH1		NH1		
				Characteristic	gG									
				Un[V]Fuses	500					400 / 500				
				Icu[kA]	120									
Productline	Application	Characteristic	Icn[kA]	In[A]	50	63	80	100	125	160	25	35	40	160 / 200 / 224 / 250
5SL60(1+N)	LineProtection	B	6	6	3.4	4.4	T	T	T	T	0.6	1.6	1.9	T
				10	2.6	3.2	T	T	T	T	0.6	1.3	1.6	T
				13 / 16	1.9	2.3	3.9	T	T	T	0.5	1	1.2	T
				20 / 25	1.4	1.6	2.8	4.5	T	T	0.4	0.8	0.9	T
				32	1.5	1.9	3.3	T	T	T	0.4	0.8	0.9	T
				40	1.4	1.7	3.1	5.7	T	T	0.4	0.8	0.9	T
		C		2	T	T	T	T	T	T	0.9	2.8	3.9	T
				4	3.7	4.9	T	T	T	T	0.7	1.7	2.1	T
				6	2.4	2.9	T	T	T	T	0.5	1.2	1.5	T
				8 / 10	2	2.4	4.2	T	T	T	0.4	1	1.2	T
				13 / 16	1.9	2.1	3	5.4	T	T	0.3	1.2	1.3	T
				20	1.4	1.7	2.9	4.9	T	T	0.3	0.8	0.9	T
				25	1.3	1.6	2.7	4.4	5.8	T		0.7	0.8	T
				32	1.5	1.9	3.4	T	T	T		0.8	0.9	T
				40	1.4	1.7	2.9	5.7	T	T		0.7	0.9	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA								
				Application	LineProtection								
				FrameSize	NH1							NH1 / NH2	
				Characteristic	gG								
				Un[V]Fuses	400 / 500 / 690			500		690		400 / 500 / 690	
				Icu[kA]	120								
Productline	Application	Characteristic	Icn[kA]	In[A]	50	63	100	125	16	20	160 / 200	80	
5SL60(1+N)	LineProtection	B	6	6	3.4	4.4	T	T	0.1	0.3	T	T	
				10	2.6	3.2	T	T	0.1	0.3	T	T	
				13 / 16	1.9	2.3	T	T	0.1	0.2	T	3.9	
				20 / 25	1.4	1.6	4.5	T		0.2	T	2.8	
				32	1.5	1.9	T	T		0.2	T	3.3	
				40	1.4	1.7	5.7	T		0.2	T	3.1	
		C		2	T	T	T	T	0.2	0.4	T	T	
				4	3.7	4.9	T	T	0.1	0.3	T	T	
				6	2.4	2.9	T	T	0.1	0.2	T	T	
				8 / 10	2	2.4	T	T		0.2	T	4.2	
				13 / 16	1.9	2.1	5.4	T		0.2	T	3	
				20	1.4	1.7	4.9	T		0.2	T	2.9	
				25	1.3	1.6	4.4	5.8			T	2.7	
				32	1.5	1.9	T	T			T	3.4	
40	1.4	1.7	5.7	T			T	2.9					

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA								
				Application	LineProtection								
				FrameSize	NH2								
				Characteristic	gG								
				Un[V]Fuses	400 / 500			400 / 500 / 690		500	690		
				Icu[kA]	120								
Productline	Application	Characteristic	Icn[kA]	In[A]	50	63	160 / 200 / 224 / 250 / 300 / 315 / 355 / 400	100	125	35	160 / 200 / 224 / 250 / 300 / 315		
5SL60(1+N)	LineProtection	B	6	6	3.4	4.6	T	T	T	1.7	T		
				10	2.6	3.4	T	T	T	1.4	T		
				13 / 16	1.9	2.4	T	T	T	1.1	T		
				20 / 25	1.4	1.7	T	4.4	T	0.8	T		
				32	1.5	2	T	T	T	0.9	T		
				40	1.4	1.8	T	5.6	T	0.8	T		
		C		2	T	T	T	T	T	3.1	T		
				4	3.7	5.2	T	T	T	1.9	T		
				6	2.4	3.1	T	T	T	1.3	T		
				8 / 10	2	2.5	T	T	T	1.1	T		
				13 / 16	1.9	2.2	T	5.2	T	1.2	T		
				20	1.4	1.7	T	4.8	T	0.8	T		
				25	1.3	1.6	T	4.3	5.7	0.8	T		
				32	1.5	1.9	T	T	T	0.8	T		
				40	1.4	1.7	T	5.6	T	0.8	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA				
				Application	LineProtection				
				FrameSize	NH3		NH4	NH4a	
				Characteristic	gG				
				Un[V]Fuses	500		690	500	
				Icu[kA]	120				
Productline	Application	Characteristic	Icn[kA]	In[A]	200 / 224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	250 / 315 / 355 / 400 / 425 / 500	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250	
5SL60(1+N)	LineProtection	B	6	6	T	T	T	T	
				10	T	T	T	T	
				13 / 16	T	T	T	T	
				20 / 25	T	T	T	T	
				32	T	T	T	T	
				40	T	T	T	T	
		C		2	T	T	T	T	
				4	T	T	T	T	
				6	T	T	T	T	
				8 / 10	T	T	T	T	
				13 / 16	T	T	T	T	
				20	T	T	T	T	
				25	T	T	T	T	
				32	T	T	T	T	
40	T	T	T	T					

**3VA1 - 5SP**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA											
				Application	LineProtection											
				FrameSize	NH000				NH000 / NH1	NH000 / NH2	NH00					
				Characteristic	gG											
				Un[V]Fuses	400	400 / 500		400 / 500 / 690			400 / 500			500 / 690		690
				Icu[kA]	120											
Productline	Application	Characteristic	Icn[kA]	In[A]	125	160	80	100	40	50	63	125	160	50	63	40
5SP3	LineProtection	E	25	16	14.6	T	3.3	8	0.8	1.1	1.9	14.6	T	1.1	1.9	0.8
				20 / 25 / 35	7.2	12.8	2.5	4.5	0.6	0.9	1.5	7.2	12.8	0.9	1.5	0.6
				40	5.5	8.9	2	3.6		0.7	1.3	5.5	8.9	0.7	1.3	
				50 / 63	5.5	8.9	2	3.6			1.3	5.5	8.9		1.3	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA												
				Application	LineProtection												
				FrameSize	NH00 / NH1 / NH2			NH0						NH1			
				Characteristic	gG												
				Un[V]Fuses	400 / 500 / 690			500						400 / 500		400 / 500 / 690	
				Icu[kA]	120												
Productline	Application	Characteristic	Icn[kA]	In[A]	80	100	40	50	63	80	100	125	160	40	200 / 224 / 250	63	
5SP3	LineProtection	E	25	16	3.3	8	0.8	1.1	1.9	3.3	8	14.6	T	0.8	T	1.9	
				20 / 25 / 35	2.5	4.5	0.6	0.9	1.5	2.5	4.5	7.2	12.8	0.6	T	1.5	
				40	2	3.6		0.7	1.3	2	3.6	5.5	8.9		T	1.3	
				50 / 63	2	3.6			1.3	2	3.6	5.5	8.9		T	1.3	



NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA					
				Application	LineProtection					
				FrameSize	NH1	NH1 / NH2		NH2		
				Characteristic	gG					
				Un[V]Fuses	690	400 / 500 / 690		400 / 500		690
				Icu[kA]	120					
Productline	Application	Characteristic	Icn[kA]	In[A]	200	125	160	50	200 / 224 / 250 / 300 / 315 / 355 / 400	200 / 224 / 250 / 300 / 315
5SP3	LineProtection	E	25	16	T	14.6	T	1.1	T	T
				20 / 25 / 35	T	7.2	12.8	0.9	T	T
				40	T	5.5	8.9	0.7	T	T
				50 / 63	T	5.5	8.9		T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA				
				Application	LineProtection				
				FrameSize	NH3		NH4	NH4a	
				Characteristic	gG				
				Un[V]Fuses	500		690	500	
				Icu[kA]	120				
Productline	Application	Characteristic	Icn[kA]	In[A]	200 / 224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	250 / 315 / 355 / 400 / 425 / 500	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250	
5SP3	LineProtection	E	25	16	T	T	T	T	
				20 / 25 / 35	T	T	T	T	
				40	T	T	T	T	
				50 / 63	T	T	T	T	

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH000			NH00			NH0			NH1			
					Characteristic	gG												
					Un[V]Fuses	400		400 / 500		400 / 500 / 690		500			400 / 500		400 / 500 / 690	
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	100	125	160	100	125	160	224	250	125	160	
5SP4	LineProtection	B	10	10	125		4.1			4				4.1	9.1	T		4.1
		B / C			80	1.9	3.5	1.6	2.2	3.4	1.6	1.5	2.2	3.5	7.5	T	2.2	3.5
		C			100	1.8	3.2		2	3.1			2	3.2	6.7	8.8		3.2
		D			125		4.1			4				4.1	9.1	T		
					80		3			2.9				3	6.7	8.8		3
					100		2.6			2.6				2.6	6.4	8.2		2.6

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH1 / NH2	NH2					NH3						
					Characteristic	gG												
					Un[V]Fuses	400 / 500 / 690	400 / 500	400 / 500 / 690			690	500						
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	200	300 / 315 / 355 / 400		125	160	224	250	300 / 315		200	224	300 / 315 / 355 / 400 / 425 / 500 / 630	
5SP4	LineProtection	B	10	10	125	7.4	T			9.1	T	T	6.8	8.8	T			
		B / C			80	6.6	T	2.1	3.5	7.5	T	T	6.3	7.3	T			
		C			100	5.6	T		3.2	6.7	8.8	T	5.2	6.5	T			
		D			125	7.4	T			9.1	T	T	6.8	8.8	T			
					80	5.6	T		3	6.7	8.8	T	5.2	6.5	T			
					100	5.3	T		2.6	6.4	8.2	T	4.7	6.3	T			

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA			
					Application	LineProtection			
					FrameSize	NH3		NH4	NH4a
					Characteristic	gG			
					Un[V]Fuses	500 / 690	690	500	
					Icu[kA]	120			
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	250	315 / 355 / 400 / 425 / 500	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250
5SP4	LineProtection	B	10	10	125	T	T	T	T
		B / C			80	T	T	T	T
					100	9	T	T	T
		C			125	T	T	T	T
		D			80	9	T	T	T
					100	8.6	T	T	T

3VA1 - 5SY

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH000											
					Characteristic	gG											
					Un[V]Fuses	400					400 / 500 / 690						
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	160	20	25	32	35	40	50	
5SY4	LineProtection	A	15	10	40	1.8	2.8	4.6	5.5	11							
					50		2.4	4.1	4.9	9.7							
					63			3.8	4.7	7.8							
			20		8	3.9	8.1	16	16	16	0.3	0.6	1.1	1.6	2.1	2.8	
					10	3.1	5	13	16	16	0.2	0.6	0.9	1.4	1.7	2.3	
					13	2.7	4.2	8.4	10	16	0.2	0.5	0.9	1.2	1.5	2	
					16	2.5	3.9	7.7	10	16		0.5	0.8	1.2	1.5	1.9	
					20	2.1	3.3	6.4	9	16			0.8	1.1	1.3	1.7	
					25	2.2	3.3	6.3	8.3	15				1.1	1.3	1.7	
					32	1.8	2.7	4.6	5.6	10						1.4	
			35		0.5 / 1 / 1.6 / 2	16	16	16	16	16	0.4	3	16	16	16	16	
					3	16	16	16	16	16	0.3	1	2.2	4.6	7.4	16	
					4	16	16	16	16	16	0.3	0.8	1.6	2.7	4.1	6.8	
			B		10	20	15	80			2.9	3.5	6				
		40		1.5				2.3	4.7	6	8.6						
		50						2.1	3.7	4.5	7.8						
		20		63				3.4	4.2	7							
				8	2.4		3.9	8.3	11	16	0.2	0.5	1	1.1	1.4	1.9	
				10	2.4		3.9	8.3	11	16	0.2	0.5	0.9	1.1	1.4	1.9	
				13	2.2		3.4	6	7.7	16	0.2	0.5	0.9	1	1.3	1.7	
				16	2		3.4	5.4	6.8	15		0.4	0.8	1	1.2	1.6	
				20	1.9		2.9	5.2	6.4	11			0.7	0.8	1.2	1.5	
				25	1.7		2.5	4.7	5.8	9.9			0.7	0.8	1.1	1.3	
				32	1.6		2.5	4.4	5.3	8.5					1.1	1.3	
				35	1 / 1.6 / 2 / 3 / 4 / 6		3.9	7.1	16	16	16	0.2	0.6	1	1.5	2	2.7

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA													
					Application	LineProtection													
					FrameSize	NH000					NH00								
					Characteristic	gG													
					Un[V]Fuses	400 / 690	500			400		400 / 500	500						
					Icu[kA]	120													
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	63	80	100	80	100	125	160	35	125				
5SY4	LineProtection	A	15	10	40			1.8	2.8	4.6	2.8	4.5	6.2	10		6.2			
					50				2.4	4.1	2.4	4	5.4	9.4		5.4			
					63					3.8		3.8	5.3	7.7		5.3			
			20		8	0.1	0.1	3.9	8.1	16	8.1	16	16	16	16	1.6	16		
					10	0.1	0.1	3.1	5	13	5	13	16	16	1.4	16			
					13		0.1	2.7	4.2	8.4	4.2	8.2	12	16	1.2	12			
					16			2.5	3.9	7.7	3.9	7.5	12	16	1.2	12			
					20			2.1	3.3	6.4	3.3	6.3	10	16	1.1	10			
					25			2.2	3.3	6.3	3.3	6.2	9.6	15		9.6			
			35		32			1.8	2.7	4.6	2.7	4.5	6.4	10		6.4			
					0.5 / 1 / 1.6 / 2	0.2	0.2	16	16	16	16	16	16	16	16	16			
					3	0.1	0.1	16	16	16	16	16	16	16	4.6	16			
			B		10	20	15	4	0.1	0.1	16	16	16	16	16	16	16	2.7	16
								6	0.1	0.1	5	9.9	16	9.9	16	16	16	1.9	16
								80					2.9		2.8	3.9	5.8		3.9
	20	40						1.5	2.3	4.7	2.3	4.6	6.5	8.5		6.5			
		50							2.1	3.7	2.1	3.6	5	7.6		5			
		63								3.4		3.3	4.7	6.9		4.7			
	35	8		0.1	0.1	2.4	3.9	8.3	3.9	8.1	14	16	1.2	14					
		10		0.1	0.1	2.4	3.9	8.3	3.9	8.1	14	16	1.2	14					
		13			0.1	2.2	3.4	6	3.4	5.9	8.8	16	1.1	8.8					
		16				2	3.4	5.4	3.1	5.3	8	14	1	8					
		20				1.9	2.9	5.2	2.9	5.1	7.1	10	1	7.1					
		25				1.7	2.5	4.7	2.5	4.6	6.5	9.6		6.5					
	32			1.6	2.5	4.4	2.5	4.4	5.8	8.3		5.8							
	1 / 1.6 / 2 / 3 / 4 / 6	0.1	0.1	3.9	7.1	16	7.1	16	16	16	16	1.5	16						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA																	
					Application	LineProtection																	
					FrameSize	NH00					NH0												
					Characteristic	gG																	
					Un[V]Fuses	500 / 690				690	500												
					Icu[kA]	120																	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	40	10	16	20	32	35	40	50	63					
5SY4	LineProtection	A	15	10	40		1.8	2.8	4.5										1.7				
					50			2.4	4														
					63				3.8														
			20		8	2.9	3.9	8.1	16	1.6			0.2	0.3	1.1	1.6	2.1	2.8	3.4				
					10	2.4	3.1	5	13	1.4			0.2	0.3	0.9	1.4	1.7	2.3	2.8				
					13	2.1	2.7	4.2	8.2	1.2				0.3	0.9	1.2	1.5	2	2.4				
					16	2	2.5	3.9	7.5	1.2					0.8	1.2	1.5	1.9	2.3				
					20	1.7	2.1	3.3	6.3	1.1					0.8	1.1	1.3	1.7	1.9				
					25	1.7	2.2	3.3	6.2	1.1						1.1	1.3	1.7	2				
					32	1.4	1.8	2.7	4.5											1.4	1.6		
					35	0.5 / 1 / 1.6 / 2	16	16	16	16	16			0.3	0.4	16	16	16	16	16	16	16	16
						3	16	16	16	16	4.6			0.3	0.4	2.2	4.6	7.4	16	16			
			4			7.2	16	16	16	2.7			0.2	0.3	1.6	2.7	4.1	6.7	9.6				
			6			3.7	5	9.9	16	1.9			0.2	0.3	1.2	1.9	2.5	3.5	4.5				
			80						2.8														
		40				1.5	2.3	4.6													1.4		
		B	15		50			2.1	3.6														
					63				3.3														
					8	1.9	2.4	3.9	8.1	1.2			0.2	0.3	0.9	1.2	1.4	1.8	2.2				
			20		10	1.9	2.4	3.9	8.1	1.2			0.2	0.3	0.9	1.2	1.4	1.8	2.2				
					13	1.8	2.2	3.4	5.9	1.1				0.2	0.8	1.1	1.3	1.7	2				
					16	1.6	2	3.1	5.3	1					0.7	1	1.2	1.6	1.9				
					20	1.5	1.9	2.9	5.1	1					0.7	1	1.2	1.5	1.7				
					25	1.4	1.7	2.5	4.6	0.9						0.9	1.1	1.3	1.6				
					32	1.3	1.6	2.5	4.4											1.3	1.5		
					35	1 / 1.6 / 2 / 3 / 4 / 6	2.8	3.9	7.1	16	1.5				0.2	0.3	1	1.5	2	2.7	3.4		



NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA													
					Application	LineProtection													
					FrameSize	NH0				NH0 / NH1	NH1								
					Characteristic	gG													
					Un[V]Fuses	500				400				400 / 500					
					Icu[kA]	120													
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	160	25	63	80	100	125	35	40	224	250	
5SY4	LineProtection	A	15	10	40	2.7	4.4	6.2	11		1.7	2.7	4.4	6.2			T	T	
					50	2.3	3.9	5.4	9.7			2.3	3.9	5.4			T	T	
					63		3.6	5.2	7.9				3.6	5.2			T	T	
			20		8	7.3	16	16	16	0.6	3.4	7.3	16	16	1.5	1.8	16	16	
					10	4.8	11	16	16	0.6	2.8	4.8	11	16	1.2	1.4	16	16	
					13	4.1	7.8	12	16	0.5	2.4	4.1	7.8	12	1.1	1.3	16	16	
					16	3.8	7.1	11	16	0.5	2.3	3.8	7.1	11	1.1	1.3	16	16	
					20	3.2	5.9	10	16		1.9	3.2	5.9	10	1	1.1	16	16	
					25	3.3	5.9	9.6	15		2	3.3	5.9	9.6		1.1	16	16	
			35		32	2.6	4.4	6.4	10		1.6	2.6	4.4	6.4			16	16	
					0.5 / 1 / 1.6 / 2	16	16	16	16	3	16	16	16	16	16	16	16	16	
					3	16	16	16	16	1	16	16	16	16	3.8	5.3	16	16	
					4	16	16	16	16	0.8	9.6	16	16	16	2.4	3	16	16	
					6	9.5	16	16	16	0.7	4.5	9.5	16	16	1.7	2	16	16	
					80		2.7	3.9	6				2.7	3.9			T	T	
		B	10		40	2.2	4.4	6.4	8.6		1.4	2.2	4.4	6.4			T	T	
					50	2	3.5	5	7.9			2	3.5	5			T	T	
					63		3.2	4.7	7.1				3.2	4.7			T	T	
			20		8	3.7	7.6	14	16	0.5	2.2	3.7	7.6	14	1.1	1.2	16	16	
					10	3.7	7.6	14	16	0.5	2.2	T	7.6	14	1.1	1.2	16	16	
					13	3.3	5.7	8.8	16	0.5	2	3.3	5.7	8.8	1	1.1	16	16	
					16	3	5.1	7.9	15	0.4	1.9	3	5.1	7.9	1	1.1	16	16	
					20	2.8	4.9	7.1	11		1.7	2.8	4.9	7.1	0.9	1	16	16	
					25	2.5	4.4	6.5	9.9		1.6	2.5	4.4	6.5		1	16	16	
					32	2.4	4.2	5.8	8.5		1.5	2.4	4.2	5.8			16	16	
					35	1 / 1.6 / 2 / 3 / 4 / 6	6.9	16	16	16	0.6	3.4	6.9	16	16	1.4	1.6	16	16

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA									
					Application	LineProtection									
					FrameSize	NH1								NH1 / NH2	
					Characteristic	gG									
					Un[V]Fuses	400 / 500 / 690		500		500 / 690				400 / 500 / 690	
					Icu[kA]	120									
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	160	16	20	63	80	100	125	200	
5SY4	LineProtection	A	15	10	40		11			1.7	2.7	4.4	6.2	T	
					50		9.7				2.3	3.9	5.4	T	
					63		7.9					3.6	5.2	13	
			8		2.8	16	0.1	0.3	3.4	7.3	16	16	16		
			10		2.3	16	0.1	0.2	2.8	4.8	11	16	16		
			13		2	16		0.2	2.4	4.1	7.8	12	16		
			16		1.9	16			2.3	3.8	7.1	11	16		
			20		1.7	16			1.9	3.2	5.9	10	16		
			25		1.7	15			2	3.3	5.9	9.6	16		
			32		1.4	10			1.6	2.6	4.4	6.4	16		
			0.5 / 1 / 1.6 / 2		16	16	0.2	0.4	16	16	16	16	16		
			3		16	16	0.2	0.4	16	16	16	16	16		
			4		6.7	16	0.1	0.3	9.6	16	16	16	16		
			6		3.5	16	0.1	0.3	4.5	9.5	16	16	16		
			80			6					2.7	3.9	9.4		
		B	10	15	20	40		8.6			1.4	2.2	4.4	6.4	T
						50		7.9				2	3.5	5	14
						63		7.1					3.2	4.7	12
			8	1.8		16	0.1	0.2	2.2	3.7	7.6	14	16		
			10	1.8		16	0.1	0.2	2.2	T	7.6	14	16		
			13	1.7		16		0.2	2	3.3	5.7	8.8	16		
			16	1.6		15			1.9	3	5.1	7.9	16		
			20	1.5		11			1.7	2.8	4.9	7.1	16		
			25	1.3		9.9			1.6	2.5	4.4	6.5	16		
			32	1.3		8.5			1.5	2.4	4.2	5.8	16		
			35	1 / 1.6 / 2 / 3 / 4 / 6		2.7	16	0.1	0.2	3.4	6.9	16	16	16	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH2												
					Characteristic	gG												
					Un[V]Fuses	400			400 / 500		400 / 500 / 690			500				
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	50	300 / 315 / 355 / 400	160	224	250	35	63		
5SY4	LineProtection	A	15	10	40	1.7	2.7	4.3	6.1		T	11	T	T		1.7		
					50		2.3	3.8	5.3		T	9.6	T	T				
					63			3.5	5.2		T	7.8	T	T				
			8		3.6	7.3	16	16	2.8	16	16	16	16	1.6	3.6			
			10		2.9	4.8	11	16	2.3	16	16	16	16	1.3	2.9			
			13		2.5	4.1	7.6	12	2	16	16	16	16	1.2	2.5			
			16		2.4	3.8	6.9	11	1.9	16	16	16	16	1.2	2.4			
			20		2	3.2	5.7	10	1.7	16	16	16	16	1.1	2			
			25		2	3.3	5.7	9.4	1.7	16	15	16	16		2			
			32		1.7	2.6	4.3	6.2	1.4	16	10	16	16		1.7			
			0.5 / 1 / 1.6 / 2		16	16	16	16	16	16	16	16	16	16	16			
			3		16	16	16	16	16	16	16	16	16	4.4	16			
			4		12	16	16	16	6.7	16	16	16	16	2.6	12			
			6		4.7	9.5	16	16	3.5	16	16	16	16	1.8	4.7			
		80			2.6	3.8		T	6	T	T							
		40	1.5	2.2	4.2	6.4		T	8.6	T	T		1.5					
		50		2	3.4	4.9		T	7.8	T	T							
		63			3.1	4.6		T	7	T	T							
		8	2.3	3.7	7.3	13	1.8	16	16	16	16	1.2	2.3					
		10	2.3	3.7	7.3	13	1.8	16	16	16	16	1.2	2.3					
		13	2.1	3.3	5.5	8.6	1.7	16	16	16	16	1.1	2.1					
		16	1.9	3	5	7.8	1.6	16	15	16	16	1	1.9					
		20	1.8	2.8	4.8	7	1.5	16	11	16	16	1	1.8					
		25	1.6	2.5	4.3	6.4	1.3	16	9.8	16	16		1.6					
		32	1.6	2.4	4.1	5.7	1.3	16	8.4	16	16		1.6					
		35																
				B	20		1 / 1.6 / 2 / 3 / 4 / 6	3.6	6.9	16	16	2.7	16	16	16	16	1.5	3.6

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA										
					Application	LineProtection										
					FrameSize	NH2					NH3					
					Characteristic	gG										
					Un[V]Fuses	500 / 690			690	500			500 / 690	690		
					Icu[kA]	120										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	300 / 315	200	224	300 / 315 / 355 / 400 / 425 / 500 / 630	250	315 / 355 / 400 / 425 / 500		
5SY4	LineProtection	A	15	10	40	2.7	4.3	6.1	T	T	T	T	T	T		
					50	2.3	3.8	5.3	T	T	T	T	T	T		
					63		3.5	5.2	T	12	T	T	T	T		
			20		8	7.3	16	16	16	16	16	16	16	16	16	16
					10	4.8	11	16	16	16	16	16	16	16	16	16
					13	4.1	7.6	12	16	16	16	16	16	16	16	16
					16	3.8	6.9	11	16	16	16	16	16	16	16	16
					20	3.2	5.7	10	16	16	16	16	16	16	16	16
					25	3.3	5.7	9.4	16	16	16	16	16	16	16	16
			35		32	2.6	4.3	6.2	16	15	16	16	16	16	16	16
					0.5 / 1 / 1.6 / 2	16	16	16	16	16	16	16	16	16	16	16
					3	16	16	16	16	16	16	16	16	16	16	16
					4	16	16	16	16	16	16	16	16	16	16	16
					6	9.5	16	16	16	16	16	16	16	16	16	16
					80		2.6	3.8	T	8.8	T	T	T	T	T	
		B	10		40	2.2	4.2	6.4	T	T	T	T	T	T	T	
					50	2	3.4	4.9	T	12	T	T	T	T		
					63		3.1	4.6	T	11	T	T	T	T		
			15		8	3.7	7.3	13	16	16	16	16	16	16	16	
					10	3.7	7.3	13	16	16	16	16	16	16	16	
					13	3.3	5.5	8.6	16	16	16	16	16	16	16	
					16	3	5	7.8	16	16	16	16	16	16	16	
					20	2.8	4.8	7	16	16	16	16	16	16	16	
					25	2.5	4.3	6.4	16	16	16	16	16	16	16	
			20		32	2.4	4.1	5.7	16	16	16	16	16	16	16	
					1 / 1.6 / 2 / 3 / 4 / 6	6.9	16	16	16	16	16	16	16	16	16	

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA	
					Application	LineProtection	
					FrameSize	NH4 / NH4a	NH4a
					Characteristic	gG	
					Un[V]Fuses	500	
					Icu[kA]	120	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500
5SY4	LineProtection	A	15	10	40	T	T
					50	T	T
					63	T	T
			20		8	16	16
					10	16	16
					13	16	16
					16	16	16
					20	16	16
					25	16	16
					32	16	15
					0.5 / 1 / 1.6 / 2	16	16
					35	3	16
			4			16	16
			6			16	16
			B		10	80	T
		40				T	T
		50				T	T
		15			63	T	T
					8	16	16
					10	16	16
					13	16	16
					16	16	16
					20	16	16
					25	16	16
					32	16	16
					35	1 / 1.6 / 2 / 3 / 4 / 6	16

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA										
					Application	LineProtection										
					FrameSize	NH000										
					Characteristic	gG										
					Un[V]Fuses	400					400 / 500 / 690					
					Icu[kA]	120										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	160	20	25	32	35	40	50
5SY4	LineProtection	B+SHU750_1_35 / B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_35 / B+SHU750_3_40 / B+SHU750_3_50	20	10	10				10							
		B+SHU750_1_35 / B+SHU750_3_35	35		6											
		B+SHU750_3_35 / C+SHU750_3_35	20		13 / 16											
					20											
					25											

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH000					NH00						
					Characteristic	gG											
					Un[V]Fuses	400 / 690	500			400		400 / 500	500				
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	63	80	100	80	100	125	160	35	125		
5SY4	LineProtection	B+SHU750_1_35 / B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_35 / B+SHU750_3_40 / B+SHU750_3_50	20	10	10			6	10	10						10	
		6					9	10	10						10		
		13 / 16				5	9	10								10	
		20				4	8	10									10
		25						10									

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA																
					Application	LineProtection																
					FrameSize	NH00				NH0												
					Characteristic	gG																
					Un[V]Fuses	500 / 690			690	500												
					Icu[kA]	120																
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	40	10	16	20	32	35	40	50	63				
5SY4	LineProtection	B+SHU750_1_35 / B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_35 / B+SHU750_3_40 / B+SHU750_3_50	20	10	10																	
		B+SHU750_1_35 / B+SHU750_3_35	35		6																	
		B+SHU750_1_35 / B+SHU750_3_35 / C+SHU750_1_35 / C+SHU750_3_35	20		13 / 16																	
			20		20																	
			20		25																	
			20																			



NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH0			NH0 / NH1		NH1									
					Characteristic	gG														
					Un[V]Fuses	500				400			400 / 500							
					Icu[kA]	120														
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	160	25	63	80	100	125	35	40	224	250		
5SY4	LineProtection	B+SHU750_1_35 / B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_35 / B+SHU750_3_40 / B+SHU750_3_50	20	10	10	10	10													
		6			10	10	10													
		13 / 16	9		10	10														
		20	8		10	10														
		25			10	10														

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA									
					Application	LineProtection									
					FrameSize	NH1								NH1 / NH2	
					Characteristic	gG									
					Un[V]Fuses	400 / 500 / 690		500		500 / 690				400 / 500 / 690	
					Icu[kA]	120									
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	160	16	20	63	80	100	125	200	
5SY4	LineProtection	B+SHU750_1_35 / B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_35 / B+SHU750_3_40 / B+SHU750_3_50	20	10	10					6	10	10	10		
		B+SHU750_1_35 / B+SHU750_3_35	35		6					9	10	10	10		
		B+SHU750_1_35 / B+SHU750_3_35 / C+SHU750_3_35	20		13 / 16					5	9	10	10		
		20							4	8	10	10			
		25									10	10			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA													
					Application	LineProtection													
					FrameSize	NH2													
					Characteristic	gG													
					Un[V]Fuses	400			400 / 500		400 / 500 / 690			500					
					Icu[kA]	120													
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	50	300 / 315 / 355 / 400	160	224	250	35	63			
5SY4	LineProtection	B+SHU750_1_35 / B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_35 / B+SHU750_3_40 / B+SHU750_3_50	20	10	10												6		
		B+SHU750_1_35 / B+SHU750_3_35	35		6													9	
		B+SHU750_3_35 / C+SHU750_3_35	20		13 / 16														5
		20															4		
		25																	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH2					NH3						
					Characteristic	gG											
					Un[V]Fuses	500 / 690			690		500			500 / 690		690	
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	300 / 315	200	224	300 / 315 / 355 / 400 / 425 / 500 / 630	250	315 / 355 / 400 / 425 / 500			
5SY4	LineProtection	B+SHU750_1_35 / B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_35 / B+SHU750_3_40 / B+SHU750_3_50	20	10	10	10	10										
		6			10	10	10										
		13 / 16	9		10	10											
		20	8		10	10											
		25			10	10											

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA	
					Application	LineProtection	
					FrameSize	NH4 / NH4a	NH4a
					Characteristic	gG	
					Un[V]Fuses	500	
					Icu[kA]	120	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500
5SY4	LineProtection	B+SHU750_1_35 / B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_35 / B+SHU750_3_40 / B+SHU750_3_50	20	10	10		
		B+SHU750_1_35 / B+SHU750_3_35	35		6		
		B+SHU750_1_35 / B+SHU750_3_35 / C+SHU750_1_35 / C+SHU750_3_35	20		13 / 16		
					20		
					25		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA										
					Application	LineProtection										
					FrameSize	NH000										
					Characteristic	gG										
					Un[V]Fuses	400					400 / 500 / 690					
					Icu[kA]	120										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	160	20	25	32	35	40	50
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50	35	10	6				10							
		B+SHU750_1_40 / B+SHU750_1_50 / C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	20		13 / 16				10							

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA									
					Application	LineProtection									
					FrameSize	NH000					NH00				
					Characteristic	gG									
					Un[V]Fuses	400 / 690	500			400		400 / 500	500		
					Icu[kA]	120									
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	63	80	100	80	100	125	160	35	125
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50	35	10	6		10	10	10						10
		B+SHU750_1_40 / B+SHU750_1_50 / C+SHU750_1_40 / C+SHU750_1_50	20		13 / 16		6	8	10						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA													
					Application	LineProtection													
					FrameSize	NH00				NH0									
					Characteristic	gG													
					Un[V]Fuses	500 / 690			690	500									
					Icu[kA]	120													
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	40	10	16	20	32	35	40	50	63	
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50	35	10	6		10	10	10										10
		B+SHU750_1_40 / B+SHU750_1_50 / C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	20		13 / 16		6	8	10										



Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH0			NH0 / NH1		NH1							
					Characteristic	gG												
					Un[V]Fuses	500				400				400 / 500				
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	160	25	63	80	100	125	35	40	224	250
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50	35	10	6	10	10	10										
		B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50 / C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	20		13 / 16	8	10	10										

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA									
					Application	LineProtection									
					FrameSize	NH1								NH1 / NH2	
					Characteristic	gG									
					Un[V]Fuses	400 / 500 / 690		500		500 / 690				400 / 500 / 690	
					Icu[kA]	120									
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	160	16	20	63	80	100	125	200	
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_3_40 / B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50	35	10	6					10	10	10	10		
		B+SHU750_1_40 / B+SHU750_1_50 / C+SHU750_1_40 / C+SHU750_3_40	20		13 / 16					6	8	10	10		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH2											
					Characteristic	gG											
					Un[V]Fuses	400			400 / 500		400 / 500 / 690			500			
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	50	300 / 315 / 355 / 400	160	224	250	35	63	
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50	35	10	6												10
		C+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_40 / C+SHU750_3_40 / C+SHU750_3_50	20		13 / 16												

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH2					NH3						
					Characteristic	gG											
					Un[V]Fuses	500 / 690			690		500			500 / 690		690	
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	300 / 315	200	224	300 / 315 / 355 / 400 / 425 / 500 / 630	250	315 / 355 / 400 / 425 / 500			
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50	35	10	6	10	10	10									
		B+SHU750_1_50 / B+SHU750_3_40 / C+SHU750_3_50 / C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	20		13 / 16	8	10	10									

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA	
					Application	LineProtection	
					FrameSize	NH4 / NH4a	NH4a
					Characteristic	gG	
					Un[V]Fuses	500	
					Icu[kA]	120	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50	35	10	6		
		B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50 / C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	20		13 / 16		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH000												
					Characteristic	gG												
					Un[V]Fuses	400					400 / 500 / 690							
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	160	20	25	32	35	40	50		
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_3_40 / C+SHU750_1_40 / C+SHU750_3_40	20	10	20				10									
					25				10									
		B+SHU750_1_50 / B+SHU750_3_50 / C+SHU750_1_50 / C+SHU750_3_50	20		20					10								
					25				10									
	B+SHU750_1_63 / B+SHU750_3_63	20	35	10					10									
				6				10										

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA										
					Application	LineProtection										
					FrameSize	NH000					NH00					
					Characteristic	gG										
					Un[V]Fuses	400 / 690	500			400		400 / 500	500			
					Icu[kA]	120										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	63	80	100	80	100	125	160	35	125	
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_3_40 / C+SHU750_1_40 / C+SHU750_3_40	20	10	20			5	7	10					10	
					25			4.5	7	10					10	
		20				4.5	7	10					10			
		25				4.5	6	10					10			
	B+SHU750_1_63 / B+SHU750_3_63	20	10					8	10							10
			35					10	10						10	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA													
					Application	LineProtection													
					FrameSize	NH00				NH0									
					Characteristic	gG													
					Un[V]Fuses	500 / 690			690	500									
					Icu[kA]	120													
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	40	10	16	20	32	35	40	50	63	
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_3_40 / C+SHU750_1_40 / C+SHU750_3_40	20	10	20		5	7	10									5	
					25		4.5	7	10										4.5
		20			4.5	7	10												4.5
		25			4.5	6	10												4.5
		B+SHU750_1_63 / B+SHU750_3_63	20	35	10			8	10										
	6						10	10											



NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH0			NH0 / NH1		NH1									
					Characteristic	gG														
					Un[V]Fuses	500				400			400 / 500							
					Icu[kA]	120														
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	160	25	63	80	100	125	35	40	224	250		
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_3_40 / C+SHU750_1_40 / C+SHU750_3_40	20	10	20	7	10	10												
					25	7	10	10												
		B+SHU750_1_50 / B+SHU750_3_50 / C+SHU750_1_50 / C+SHU750_3_50	20		20	7	10	10												
					25	6	10	10												
		B+SHU750_1_63 / B+SHU750_3_63	20	35	10	8	10	10												
					6	10	10	10												

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA									
					Application	LineProtection									
					FrameSize	NH1								NH1 / NH2	
					Characteristic	gG									
					Un[V]Fuses	400 / 500 / 690		500		500 / 690				400 / 500 / 690	
					Icu[kA]	120									
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	160	16	20	63	80	100	125	200	
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_3_40 / C+SHU750_1_40 / C+SHU750_3_40	20	10	20					5	7	10	10		
					25					4.5	7	10	10		
		20						4.5	7	10	10				
		25						4.5	6	10	10				
	B+SHU750_1_63 / B+SHU750_3_63	20	35	10							8	10	10		
				6						10	10	10			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA															
					Application	LineProtection															
					FrameSize	NH2															
					Characteristic	gG															
					Un[V]Fuses	400			400 / 500		400 / 500 / 690			500							
					Icu[kA]	120															
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	50	300 / 315 / 355 / 400	160	224	250	35	63					
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_3_40 / C+SHU750_1_40 / C+SHU750_3_40	20	10	20												5				
					25														4.5		
		B+SHU750_1_50 / B+SHU750_3_50 / C+SHU750_1_50 / C+SHU750_3_50	20		20															4.5	
					25															4.5	
		B+SHU750_1_63 / B+SHU750_3_63	20		10																
					35																

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA									
					Application	LineProtection									
					FrameSize	NH2					NH3				
					Characteristic	gG									
					Un[V]Fuses	500 / 690			690	500			500 / 690	690	
					Icu[kA]	120									
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	300 / 315	200	224	300 / 315 / 355 / 400 / 425 / 500 / 630	250	315 / 355 / 400 / 425 / 500	
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_3_40 / C+SHU750_1_40 / C+SHU750_3_40	20	10	20	7	10	10							
					25	7	10	10							
		B+SHU750_1_50 / B+SHU750_3_50 / C+SHU750_1_50 / C+SHU750_3_50	20		20	7	10	10							
					25	6	10	10							
		B+SHU750_1_63 / B+SHU750_3_63	20		10	8	10	10							
					6	10	10	10							
		35													

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA	
					Application	LineProtection	
					FrameSize	NH4 / NH4a	NH4a
					Characteristic	gG	
					Un[V]Fuses	500	
					Icu[kA]	120	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500
5SY4	LineProtection	B+SHU750_1_40 / B+SHU750_3_40 / C+SHU750_1_40 / C+SHU750_3_40	20	10	20		
					25		
		B+SHU750_1_50 / B+SHU750_3_50 / C+SHU750_1_50 / C+SHU750_3_50	20		20		
					25		
		B+SHU750_1_63 / B+SHU750_3_63	20		10		
					6		
			35				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH000														
					Characteristic	gG														
					Un[V]Fuses	400					400 / 500 / 690									
					Icu[kA]	120														
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	160	20	25	32	35	40	50				
5SY4	LineProtection	B+SHU750_1_63 / B+SHU750_3_63 / C+SHU750_1_63 / C+SHU750_3_63	20	10	13 / 16				10											
					20				10											
					25				10											
			C		10	80				3.5	6									
						40	1.6	2.4	4.2	5.2	8.9									
						45 / 50		2.2	4.1	5	8									
		20			60 / 63			3.6	4.5	7.1										
					8 / 10	2.5	4.1	7.7	11	T		0.5	0.8	1.1	1.3	1.8				
					13 / 15 / 16	2.2	3.4	6.2	7.3	16		0.4	0.7	1	1.2	1.7				
		35	20		1.7	2.7	4.9	5.9	10			0.5	0.8	1	1.3					
			25		1.7	2.7	4.9	5.9	10						1	1.3				
			30 / 32		1.7	2.6	4.7	5.8	10								1.3			
			0.3 / 0.5 / 1 / 1.6 / 2		10	T	T	T	T		0.8	1.8	2.9	3.9	5.8					
			2.5 / 3		5.9	17	T	T	T		0.7	1.3	2.1	2.8	4					
			3.5 / 4 / 5 / 6		3	4.7	13	T	T		0.5	0.9	1.3	1.7	2.3					

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA													
					Application	LineProtection													
					FrameSize	NH000					NH00								
					Characteristic	gG													
					Un[V]Fuses	400 / 690	500			400		400 / 500	500						
					Icu[kA]	120													
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	63	80	100	80	100	125	160	35	125				
5SY4	LineProtection	B+SHU750_1_63 / B+SHU750_3_63 / C+SHU750_1_63 / C+SHU750_3_63	20	10	13 / 16			7	10							10			
					20				6.5	10							10		
					25				6	10								10	
			10		80										3.9	5.8			3.9
					40			1.6	2.4	4.2	2.4	4.2	5.8	8.5					5.8
					45 / 50				2.2	4.1	2.2	4	5.7	7.8					5.7
		15	60 / 63							3.6		3.5	5	6.9				5	
			8 / 10				2.5	4.1	7.7	4.1	7.5	14	T	1.1	14				
			13 / 15 / 16				2.2	3.4	6.2	3.4	6.1	8.8	16	1	8.8				
		20	20				1.7	2.7	4.9	2.7	4.9	6.5	10	0.8	6.5				
			25				1.7	2.7	4.9	2.7	4.9	6.5	10		6.5				
			30 / 32				1.7	2.6	4.7	2.6	4.6	6.4	10		6.4				
			0.3 / 0.5 / 1 / 1.6 / 2				10	T	T	T	T	T	T	2.9	T				
			2.5 / 3				5.9	17	T	17	T	T	T	2.1	T				
			3.5 / 4 / 5 / 6				3	4.7	13	4.7	12	T	T	1.3	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA																	
					Application	LineProtection																	
					FrameSize	NH00					NH0												
					Characteristic	gG																	
					Un[V]Fuses	500 / 690			690	500													
					Icu[kA]	120																	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	40	10	16	20	32	35	40	50	63					
5SY4	LineProtection	B+SHU750_1_63 / B+SHU750_3_63 / C+SHU750_1_63 / C+SHU750_3_63	20	10	13 / 16			7	10														
					20			6.5	10														
					25			6	10														
			10		80																		
					40		1.6	2.4	4.2														1.5
					45 / 50			2.2	4														
		20	60 / 63					3.5															
			8 / 10		1.9	2.5	4.1	7.5	1.3							0.8	1.1	1.3	1.8	2.2			
			13 / 15 / 16		1.7	2.2	3.4	6.1	1.2							0.7	1	1.2	1.6	2			
			20		1.4	1.7	2.7	4.9	1							0.5	0.8	1	1.3	1.6			
			25		1.4	1.7	2.7	4.9	1									1	1.3	1.6			
			30 / 32		1.4	1.7	2.6	4.6												1.3	1.6		
		35	0.3 / 0.5 / 1 / 1.6 / 2		6	10	T	T	3.9							1.8	2.9	3.9	5.7	7.4			
			2.5 / 3		4.1	5.9	17	T	2.8							1.3	2.1	2.8	3.9	5			
			3.5 / 4 / 5 / 6		2.3	3	4.7	12	1.7							0.9	1.3	1.7	2.2	2.7			



NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA															
					Application	LineProtection															
					FrameSize	NH0				NH0 / NH1	NH1										
					Characteristic	gG															
					Un[V]Fuses	500				400				400 / 500							
					Icu[kA]	120															
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	160	25	63	80	100	125	35	40	224	250			
5SY4	LineProtection	B+SHU750_1_63 / B+SHU750_3_63 / C+SHU750_1_63 / C+SHU750_3_63	20	10	13 / 16	7	10	10													
					20	6.5	10	10													
					25	6	10	10													
			10		80			3.9	6							3.9				T	T
					40	2.3	4	5.8	9			1.5	2.3	4	5.8					T	T
			15		45 / 50	2.2	3.8	5.7	8					2.2	3.8	5.7					T
		60 / 63				3.4	5	7.1						3.4	5					T	T
		20	8 / 10		4	7.2	14	T	0.5	2.2	4	7.2	14	1	1.2	T	T				
			13 / 15 / 16		3.3	6	8.7	17	0.4	2	3.3	6	8.7	0.9	1	T	T				
			20		2.6	4.7	6.5	10		1.6	2.6	4.7	6.5	0.7	0.8	T	T				
			25		2.6	4.7	6.5	10		1.6	2.6	4.7	6.5		0.8	T	T				
			30 / 32		2.6	4.5	6.4	10		1.6	2.6	4.5	6.4			T	T				
			0.3 / 0.5 / 1 / 1.6 / 2		T	T	T	T	0.8	7.4	T	T	T	2.6	3.1	T	T				
		35	2.5 / 3		16	T	T	T	0.7	5	16	T	T	1.9	2.3	T	T				
			3.5 / 4 / 5 / 6		4.5	11	T	T	0.5	2.7	4.5	11	T	1.2	1.4	T	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH1								NH1 / NH2				
					Characteristic	gG												
					Un[V]Fuses	400 / 500 / 690		500		500 / 690			400 / 500 / 690					
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	160	16	20	63	80	100	125	200				
5SY4	LineProtection	B+SHU750_1_63 / B+SHU750_3_63 / C+SHU750_1_63 / C+SHU750_3_63	20	10	13 / 16						7	10	10					
					20						6.5	10	10					
					25						6	10	10					
			10		80		6									3.9	9.4	
					40		9					1.5	2.3	4		5.8	T	
					45 / 50		8						2.2	3.8		5.7	T	
		20	60 / 63			7.1									3.4	5	12	
			8 / 10		1.8	T					2.2	4	7.2		14	T		
			13 / 15 / 16		1.6	17					2	3.3	6		8.7	T		
			20		1.3	10					1.6	2.6	4.7		6.5	19		
			25		1.3	10					1.6	2.6	4.7		6.5	19		
			30 / 32		1.3	10					1.6	2.6	4.5		6.4	19		
		35	0.3 / 0.5 / 1 / 1.6 / 2		5.7	T					7.4	T	T		T	T		
			2.5 / 3		3.9	T					5	16	T		T	T		
			3.5 / 4 / 5 / 6		2.2	T					2.7	4.5	11		T	T		

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH2											
					Characteristic	gG											
					Un[V]Fuses	400			400 / 500		400 / 500 / 690			500			
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	50	300 / 315 / 355 / 400	160	224	250	35	63	
5SY4	LineProtection	B+SHU750_1_63 / B+SHU750_3_63 / C+SHU750_1_63 / C+SHU750_3_63	20	10	13 / 16												
					20												
					25												
			10		80				3.8		T	6	T	T			
					40	1.5	2.3	3.9	5.7		T	8.9	T	T			1.5
			15		45 / 50		2.2	3.7	5.6		T	8	T	T			
		60 / 63					3.3	4.9		T	7	T	T				
		20	8 / 10		2.3	4	7	13	1.8	T	T	T	T	1.1	2.3		
			13 / 15 / 16		2	3.3	5.8	8.4	1.6	T	16	T	T	0.9	2		
			20		1.6	2.6	4.6	6.4	1.3	T	10	T	T	0.8	1.6		
			25		1.6	2.6	4.6	6.4	1.3	T	10	T	T		1.6		
			30 / 32		1.6	2.6	4.4	6.3	1.3	T	10	T	T		1.6		
			35		0.3 / 0.5 / 1 / 1.6 / 2	8.4	T	T	T	5.7	T	T	T	T	2.8	8.4	
		2.5 / 3			5.4	16	T	T	3.9	T	T	T	T	2	5.4		
		3.5 / 4 / 5 / 6			2.9	4.5	10	T	2.2	T	T	T	T	1.3	2.9		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA										
					Application	LineProtection										
					FrameSize	NH2					NH3					
					Characteristic	gG										
					Un[V]Fuses	500 / 690			690	500			500 / 690	690		
					Icu[kA]	120										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	300 / 315	200	224	300 / 315 / 355 / 400 / 425 / 500 / 630	250	315 / 355 / 400 / 425 / 500		
5SY4	LineProtection	B+SHU750_1_63 / B+SHU750_3_63 / C+SHU750_1_63 / C+SHU750_3_63	20	10	13 / 16	7	10	10								
					20	6.5	10	10								
					25	6	10	10								
			C		10	80			3.8	T	8.8	T	T	T	T	T
						40	2.3	3.9	5.7	T	14	T	T	T	T	
						45 / 50	2.2	3.7	5.6	T	14	T	T	T	T	
		15			60 / 63		3.3	4.9	T	11	14	T	T	T		
					8 / 10	4	7	13	T	T	T	T	T	T		
					13 / 15 / 16	3.3	5.8	8.4	T	T	T	T	T	T		
		20	20		2.6	4.6	6.4	T	18	T	T	T	T			
			25		2.6	4.6	6.4	T	18	T	T	T	T			
			30 / 32		2.6	4.4	6.3	T	17	T	T	T	T			
			0.3 / 0.5 / 1 / 1.6 / 2		T	T	T	T	T	T	T	T	T			
			2.5 / 3		16	T	T	T	T	T	T	T	T			
			3.5 / 4 / 5 / 6		4.5	10	T	T	T	T	T	T	T			

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA	
					Application	LineProtection	
					FrameSize	NH4 / NH4a	NH4a
					Characteristic	gG	
					Un[V]Fuses	500	
					Icu[kA]	120	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500
5SY4	LineProtection	B+SHU750_1_63 / B+SHU750_3_63 / C+SHU750_1_63 / C+SHU750_3_63	20	10	13 / 16		
					20		
					25		
			15		80	T	T
					40	T	T
					45 / 50	T	T
					60 / 63	T	T
					8 / 10	T	T
					13 / 15 / 16	T	T
					20	T	T
		20	25	T	T		
			30 / 32	T	T		
			0.3 / 0.5 / 1 / 1.6 / 2	T	T		
		35	2.5 / 3	T	T		
			3.5 / 4 / 5 / 6	T	T		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH000											
					Characteristic	gG											
					Un[V]Fuses	400					400 / 500 / 690						
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	160	20	25	32	35	40	50	
5SY4	LineProtection	C+SHU750_1_35 / C+SHU750_3_35	20	10	8 / 10				10								
		C+SHU750_1_50 / C+SHU750_3_50															
		C+SHU750_1_40 / C+SHU750_3_40															
		35	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6														

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH000					NH00							
					Characteristic	gG												
					Un[V]Fuses	400 / 690	500			400		400 / 500	500					
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	63	80	100	80	100	125	160	35	125			
5SY4	LineProtection	C+SHU750_1_50 / C+SHU750_3_50	20	10	8 / 10													
		C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	35		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6													

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA															
					Application	LineProtection															
					FrameSize	NH00				NH0											
					Characteristic	gG															
					Un[V]Fuses	500 / 690			690	500											
					Icu[kA]	120															
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	40	10	16	20	32	35	40	50	63			
5SY4	LineProtection	C+SHU750_1_35 / C+SHU750_3_35 / C+SHU750_1_50 / C+SHU750_3_50	20	10	8 / 10		6	10	10										6		
		C+SHU750_1_40 / C+SHU750_3_40 / C+SHU750_1_50 / C+SHU750_3_50			35	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6		10	10	10											10
		C+SHU750_1_35 / C+SHU750_3_35					9	10	10												



NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH0			NH0 / NH1		NH1									
					Characteristic	gG														
					Un[V]Fuses	500				400			400 / 500							
					Icu[kA]	120														
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	160	25	63	80	100	125	35	40	224	250		
5SY4	LineProtection	C+SHU750_1_50 / C+SHU750_3_50	35	10	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	10	10	10												
						10	10	10												
						10	10	10												
		C+SHU750_1_35 / C+SHU750_3_35	20		8 / 10	10	10	10												
						10	10	10												
						10	10	10												
C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	20	8 / 10	10	10	10															
			10	10	10															
			10	10	10															

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA									
					Application	LineProtection									
					FrameSize	NH1								NH1 / NH2	
					Characteristic	gG									
					Un[V]Fuses	400 / 500 / 690		500		500 / 690				400 / 500 / 690	
					Icu[kA]	120									
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	160	16	20	63	80	100	125	200	
5SY4	LineProtection	C+SHU750_1_35 / C+SHU750_3_35	20	10	8 / 10										
		C+SHU750_1_50 / C+SHU750_3_50													
		C+SHU750_1_40 / C+SHU750_3_40													
		35	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6												

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH2											
					Characteristic	gG											
					Un[V]Fuses	400			400 / 500		400 / 500 / 690			500			
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	50	300 / 315 / 355 / 400	160	224	250	35	63	
5SY4	LineProtection	C+SHU750_1_35 / C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_35 / C+SHU750_3_40 / C+SHU750_3_50	20	10	8 / 10												6
		C+SHU750_1_35 / C+SHU750_3_35															
		C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	35		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6												

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA										
					Application	LineProtection										
					FrameSize	NH2					NH3					
					Characteristic	gG										
					Un[V]Fuses	500 / 690			690	500			500 / 690	690		
					Icu[kA]	120										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	300 / 315	200	224	300 / 315 / 355 / 400 / 425 / 500 / 630	250	315 / 355 / 400 / 425 / 500		
5SY4	LineProtection	C+SHU750_1_50 / C+SHU750_3_50	20	10	8 / 10											
		C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	35		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6											

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA	
					Application	LineProtection	
					FrameSize	NH4 / NH4a	NH4a
					Characteristic	gG	
					Un[V]Fuses	500	
					Icu[kA]	120	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500
5SY4	LineProtection	C+SHU750_1_35 / C+SHU750_3_35	20	10	8 / 10		
		C+SHU750_1_50 / C+SHU750_3_50					
		C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	35		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA													
					Application	LineProtection													
					FrameSize	NH000													
					Characteristic	gG													
					Un[V]Fuses	400					400 / 500 / 690								
					Icu[kA]	120													
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	160	20	25	32	35	40	50			
5SY4	LineProtection	C+SHU750_1_63 / C+SHU750_3_63	20	10	8 / 10				10										
			35		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6				10										
		D	20		40	1.1	1.7	3.1	3.5	5.5									
					50		1.5	3	3.5	5.8									
					63			2.7	3.3	5.4									
					8	2	3.2	6.1	7.7	T		0.4	0.7	1	1.2	1.6			
					10	1.9	3	5.3	7.1	T		0.3	0.6	0.9	1.1	1.5			
			35		13	1.9	3	5.6	7.6	18			0.6	0.9	1.1	1.5			
					16	1.8	2.8	4.8	5.9	12			0.5	0.8	1.1	1.4			
					20	1.6	2.4	4	4.8	10					1	1.2			
					25	1.5	2.3	4.2	5.1	9.8					1	1.2			
					32	1.2	1.8	3.3	4	7.1						1			
					0.3 / 0.5 / 1 / 1.6 / 2	6.5	15	16	16	16	0.3	0.8	1.4	2.2	2.9	4.3			
					3	4.4	8.9	16	16	16	0.2	0.6	1.1	1.6	2.1	2.9			
					4	3.1	5.1	15	16	16	0.2	0.6	1	1.4	1.7	2.3			
					6	2.5	4.1	9.5	13	T	0.2	0.5	0.8	1.2	1.5	1.9			

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA										
					Application	LineProtection										
					FrameSize	NH000					NH00					
					Characteristic	gG										
					Un[V]Fuses	400 / 690	500			400		400 / 500	500			
					Icu[kA]	120										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	63	80	100	80	100	125	160	35	125	
5SY4	LineProtection	C+SHU750_1_63 / C+SHU750_3_63	20	10	8 / 10			8	10						10	
			35		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6			10	10						10	
		D	20		40		1.1	1.7	3.1	1.7	3	3.9	5.4		3.9	
					50			1.5	3	1.5	2.9	3.9	5.7		3.9	
					63				2.7		2.7	3.6	5.3		3.6	
					8		2	3.2	6.1	3.2	5.9	8.8	T	1	8.8	
					10		1.9	3	5.3	3	5.2	8.8	T	0.9	8.8	
					13		1.9	3	5.6	3	5.5	9.1	17	0.9	9.1	
					16		1.8	2.8	4.8	2.8	4.8	6.9	11	0.8	6.9	
					20		1.6	2.4	4	2.4	4	5.4	10		5.4	
					25		1.5	2.3	4.2	2.3	4.1	5.8	9.6		5.8	
					32		1.2	1.8	3.3	1.8	3.2	4.5	7		4.5	
		35	20		0.3 / 0.5 / 1 / 1.6 / 2	0.2	0.2	6.5	15	16	15	16	16	16	2.2	16
					3	0.1	0.1	4.4	8.9	16	8.9	16	16	16	1.6	16
					4	0.1	0.1	3.1	5.1	15	5.1	14	16	16	1.4	16
					6	0.1	0.1	2.5	4.1	9.5	4.1	9.2	T	T	1.2	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA																	
					Application	LineProtection																	
					FrameSize	NH00					NH0												
					Characteristic	gG																	
					Un[V]Fuses	500 / 690			690	500													
					Icu[kA]	120																	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	40	10	16	20	32	35	40	50	63					
5SY4	LineProtection	C+SHU750_1_63 / C+SHU750_3_63	20	10	8 / 10			8	10														
			35		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6			10	10														
		D	20		40		1.1	1.7	3													1	
					50			1.5	2.9														
					63				2.7														
					8	1.6	2	3.2	5.9	1.2				0.1	0.7	1	1.2	1.5	1.8				
					10	1.5	1.9	3	5.2	1.1					0.6	0.9	1.1	1.5	1.7				
			35		13	1.5	1.9	3	5.5	1.1					0.6	0.9	1.1	1.5	1.7				
					16	1.4	1.8	2.8	4.8	1.1					0.5	0.8	1.1	1.4	1.6				
					20	1.3	1.6	2.4	4	1							1	1.2	1.4				
					25	1.2	1.5	2.3	4.1	1								1	1.2	1.4			
					32	1	1.2	1.8	3.2										1	1.1			
					0.3 / 0.5 / 1 / 1.6 / 2	4.5	6.5	15	16	2.9	0.1	0.2	0.3	1.4	2.2	2.9	4.3	5.5					
					3	2.9	4.4	8.9	16	2.1	0.1	0.2	0.3	1.1	1.6	2.1	2.8	3.8					
					4	2.4	3.1	5.1	14	1.7		0.2	0.3	1	1.4	1.7	2.3	2.8					
					6	2	2.5	4.1	9.2	1.5		0.2	0.2	0.8	1.2	1.5	1.9	2.3					



NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH0				NH0 / NH1		NH1								
					Characteristic	gG														
					Un[V]Fuses	500				400				400 / 500						
					Icu[kA]	120														
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	160	25	63	80	100	125	35	40	224	250		
5SY4	LineProtection	C+SHU750_1_63 / C+SHU750_3_63	20	10	8 / 10	8	10	10												
			35		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	10	10	10												
		D	20		40	1.7	3	3.8	5.5		1	1.7	3	3.8					12	T
					50	1.4	2.8	3.9	5.9			1.4	2.8	3.9					12	T
					63		2.5	3.6	5.5				2.5	3.6					11	14
					8	3.1	5.7	8.7	T	0.4	1.8	3.1	5.7	8.7	0.9	1	T	T		
					10	2.9	5	8.7	T	0.3	1.7	2.9	5	8.7	0.8	1	T	T		
					13	2.9	5.3	9.1	18		1.7	2.9	5.3	9.1	0.8	1	T	T		
			35		16	2.8	4.6	6.8	12		1.6	2.8	4.6	6.8	0.7	0.9	T	T		
					20	2.3	3.8	5.4	10		1.4	2.3	3.8	5.4		0.9	T	T		
					25	2.2	3.9	5.8	9.9		1.4	2.2	3.9	5.8		0.8	T	T		
					32	1.8	3.1	4.5	7.2		1.1	1.8	3.1	4.5				16	T	
					0.3 / 0.5 / 1 / 1.6 / 2	15	16	16	16	0.8	5.5	15	16	16	2	2.4	16	16		
					3	8.6	16	16	16	0.6	3.8	8.6	16	16	1.5	1.8	16	16		
		4	4.9		12	16	16	0.6	2.8	4.9	12	16	1.3	1.5	16	16				
		6	4		8.6	T	T	0.5	2.3	4	8.6	T	1.1	1.2	T	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA									
					Application	LineProtection									
					FrameSize	NH1								NH1 / NH2	
					Characteristic	gG									
					Un[V]Fuses	400 / 500 / 690		500		500 / 690				400 / 500 / 690	
					Icu[kA]	120									
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	160	16	20	63	80	100	125	200	
5SY4	LineProtection	C+SHU750_1_63 / C+SHU750_3_63	20	10	8 / 10						8	10	10		
			35		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6						10	10	10		
		D	20		40		5.5				1	1.7	3	3.8	10
					50		5.9					1.4	2.8	3.9	10
					63		5.5						2.5	3.6	10
					8	1.5	T				1.8	3.1	5.7	8.7	T
					10	1.5	T				1.7	2.9	5	8.7	T
					13	1.5	18				1.7	2.9	5.3	9.1	T
			35		16	1.4	12				1.6	2.8	4.6	6.8	T
					20	1.2	10				1.4	2.3	3.8	5.4	T
					25	1.2	9.9				1.4	2.2	3.9	5.8	14
					32	1	7.2				1.1	1.8	3.1	4.5	12
					0.3 / 0.5 / 1 / 1.6 / 2	4.3	16	0.2	0.3	5.5	15	16	16	16	
					3	2.8	16	0.1	0.3	3.8	8.6	16	16	16	
		4	2.3		16	0.1	0.2	2.8	4.9	12	16	16			
		6	1.9		T	0.1	0.2	2.3	4	8.6	T	T			

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH2														
					Characteristic	gG														
					Un[V]Fuses	400			400 / 500		400 / 500 / 690			500						
					Icu[kA]	120														
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	50	300 / 315 / 355 / 400	160	224	250	35	63				
5SY4	LineProtection	C+SHU750_1_63 / C+SHU750_3_63	20	10	8 / 10															
					35	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6														
			D		15	40	1.1	1.7	2.9	3.8		T	5.5	12	T					1.1
						50		1.4	2.7	3.8		T	5.8	12	T					
						63			2.5	3.6		T	5.4	11	14					
					20	8	1.9	3.1	5.6	8.6	1.5	T	T	T	T	T	1			1.9
		10				1.8	2.9	4.9	8.5	1.5	T	T	T	T	T	0.9			1.8	
		13				1.8	2.9	5.1	8.8	1.5	T	18	T	T	T	0.9			1.8	
		16	1.7			2.8	4.5	6.7	1.4	T	12	T	T	T	0.8			1.7		
		20	1.5			2.3	3.8	5.3	1.2	T	10	T	T	T				1.5		
		25	1.4			2.2	3.8	5.7	1.2	T	9.8	T	T	T				1.4		
		35	32		1.2	1.8	3	4.4	1	T	7.1	16	T	T				1.2		
			0.3 / 0.5 / 1 / 1.6 / 2		5.8	15	16	16	4.3	16	16	16	16	16	2.1			5.8		
			3		4	8.6	16	16	2.8	16	16	16	16	16	1.6			4		
			4		2.9	4.9	11	16	2.3	16	16	16	16	16	1.3			2.9		
			6		2.4	4	8.3	T	1.9	T	T	T	T	T	1.1			2.4		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA									
					Application	LineProtection									
					FrameSize	NH2					NH3				
					Characteristic	gG									
					Un[V]Fuses	500 / 690			690	500			500 / 690	690	
					Icu[kA]	120									
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	125	300 / 315	200	224	300 / 315 / 355 / 400 / 425 / 500 / 630	250	315 / 355 / 400 / 425 / 500	
5SY4	LineProtection	C+SHU750_1_63 / C+SHU750_3_63	20	10	8 / 10	8	10	10							
			35		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	10	10	10							
		D	20		40	1.7	2.9	3.8	T	10	12	T	T	T	
					50	1.4	2.7	3.8	T	9.6	12	T	T	T	
					63		2.5	3.6	T	9.3	11	T	14	T	
					8	3.1	5.6	8.6	T	T	T	T	T	T	
					10	2.9	4.9	8.5	T	T	T	T	T	T	
					13	2.9	5.1	8.8	T	T	T	T	T	T	
					16	2.8	4.5	6.7	T	T	T	T	T	T	
					20	2.3	3.8	5.3	T	T	T	T	T	T	
					25	2.2	3.8	5.7	T	13	T	T	T	T	
					32	1.8	3	4.4	T	11	15	T	T	T	
		35	20		0.3 / 0.5 / 1 / 1.6 / 2	15	16	16	16	16	16	16	16	16	
					3	8.6	16	16	16	16	16	16	16	16	
					4	4.9	11	16	16	16	16	16	16	16	
					6	4	8.3	T	T	T	T	T	T	T	

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA		
					Application	LineProtection		
					FrameSize	NH4 / NH4a	NH4a	
					Characteristic	gG		
					Un[V]Fuses	500		
					Icu[kA]	120		
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500	
5SY4	LineProtection	C+SHU750_1_63 / C+SHU750_3_63	20	10	8 / 10			
			35		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6			
		D	20		15	40	T	T
					50	T	T	
					63	T	T	
					8	T	T	
					10	T	T	
					13	T	T	
			35		16	T	T	
					20	T	T	
					25	T	T	
					32	T	T	
					0.3 / 0.5 / 1 / 1.6 / 2	16	16	
					3	16	16	
		4	16		16			
		6	T		T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA															
					Application	LineProtection															
					FrameSize	NH000															
					Characteristic	gG															
					Un[V]Fuses	400	400 / 500			400 / 500 / 690											
					Icu[kA]	120															
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	63	80	100	16	20	25	32	35	40	50				
5SY6	LineProtection	B	10	6	40	6	8.6	1.5	2.3	4.7											
					50	4.5	7.8		2.1	3.7											
					63	4.2	7			3.4											
			15		10	11	T	2.4	3.9	8.3	0.1	0.2	0.5	0.9	1.2	1.4	1.9				
					13	7.7	T	2.2	3.4	6		0.2	0.5	0.8	1.1	1.3	1.7				
					16	6.8	T	2	3.1	5.4		0.2	0.4	0.7	1	1.2	1.6				
					20	6.4	11	1.9	2.9	5.2				0.7	1	1.2	1.5				
					25	5.8	9.9	1.7	2.5	4.7					0.9	1.1	1.3				
					32	5.3	8.5	1.6	2.5	4.4											1.3
					2	16	16	5.8	16	16	0.1	0.3	0.8	1.4	2.1	2.8	4.1				
		30	4		16	16	3.6	6	16	0.1	0.2	0.6	1	1.5	1.9	2.6					
			6		16	16	3.9	7.1	16	0.1	0.2	0.6	1	1.5	2	2.7					
			6		6	6	6	6													
		15	B+SHU750_1_35 / B+SHU750_3_35					10	6		6	6	6								

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA																
					Application	LineProtection																
					FrameSize	NH00							NH0									
					Characteristic	gG																
					Un[V]Fuses	400 / 500	400 / 500 / 690	500	500 / 690	690	500											
					Icu[kA]	120																
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	80	100	35	50	63	40	10	16	20	32	35				
5SY6	LineProtection	B	10	6	40	6.5	8.5	2.3	4.6			1.5										
					50	5	7.6	2.1	3.6													
					63	4.7	6.9		3.3													
					10	14	T	3.9	8.1	1.2	1.9	2.4	1.2		0.2	0.3	0.9	1.2				
					13	8.8	T	3.4	5.9	1.1	1.8	2.2	1.1			0.2	0.8	1.1				
					16	8	14	3.1	5.3	1	1.6	2	1					0.7	1			
			15		20	7.1	10	2.9	5.1	1	1.5	1.9	1							0.7	1	
					25	6.5	9.6	2.5	4.6		1.4	1.7	0.9									0.9
					32	5.8	8.3	2.5	4.4		1.3	1.6										
					2	16	16	16	16	2.1	4.2	5.8	2.1		0.2	0.3	1.4	2.1				
					4	16	16	6	16	1.5	2.7	3.6	1.5		0.2	0.3	1	1.5				
					6	16	16	7.1	16	1.5	2.8	3.9	1.5		0.2	0.3	1	1.5				
		30	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
							6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		15	10	10	10	10	10	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
							10	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA													
					Application	LineProtection													
					FrameSize	NH0						NH0 / NH1		NH1					
					Characteristic	gG													
					Un[V]Fuses	500						400 / 500							
					Icu[kA]	120													
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	40	50	63	80	100	125	160	25	35	40	224 / 250			
5SY6	LineProtection	B	10	6	40			1.4	2.2	4.4	6.4	8.6				T			
					50				2	3.5	5	7.9				T			
					63					3.2	4.7	7.1				T			
					10	1.4	1.8	2.2	3.7	7.6	14	T	0.5	1.1	1.2	T			
					13	1.3	1.7	2	3.3	5.7	8.8	T	0.5	1	1.1	T			
					16	1.2	1.6	1.9	3	5.1	7.9	T	0.4	1	1.1	T			
					20	1.2	1.5	1.7	2.8	4.9	7.1	11		0.9	1	T			
					25	1.1	1.3	1.6	2.5	4.4	6.5	9.9			1	T			
					32		1.3	1.5	2.4	4.2	5.8	8.5				T			
			15		2	2.8	4	5.1	16	16	16	16	0.8	1.9	2.3	16			
					4	1.9	2.6	3.2	5.8	16	16	16	0.6	1.3	1.6	16			
					6	2	2.7	3.4	6.9	16	16	16	0.6	1.4	1.6	16			
			30		6	6	6	6			6	6	6	6					
								6											
								6											
			15		10	6	10	6			6	6	6	6					
								6											



NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH1					NH1 / NH2		NH2							
					Characteristic	gG														
					Un[V]Fuses	400 / 500 / 690					500		400 / 500 / 690		400 / 500					
					Icu[kA]	120														
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	100	125	160	16	20	80	200	50	63	224 / 250 / 300 / 315 / 355 / 400			
5SY6	LineProtection	B	10	6	40		1.4	4.4	6.4	8.6			2.2	T		1.5	T			
					50			3.5	5	7.9			2	T			T			
					63			3.2	4.7	7.1				T			T			
					10	1.8	2.2	7.6	14	T	0.1	0.2	3.7	T	1.8	2.3	T			
					13	1.7	2	5.7	8.8	T		0.2	3.3	T	1.7	2.1	T			
					16	1.6	1.9	5.1	7.9	T			3	T	1.6	1.9	T			
					20	1.5	1.7	4.9	7.1	11			2.8	T	1.5	1.8	T			
					25	1.3	1.6	4.4	6.5	9.9			2.5	T	1.3	1.6	T			
					32	1.3	1.5	4.2	5.8	8.5			2.4	T	1.3	1.6	T			
			15		2	4	5.1	16	16	16	0.2	0.3	16	16	4	5.3	16			
					4	2.6	3.2	16	16	16	0.1	0.2	5.8	16	2.6	3.3	16			
					6	2.7	3.4	16	16	16	0.1	0.2	6.9	16	2.7	3.6	16			
			30		6		6	6	6			6				6		6		
					10		6	6	6			6				6		6		
					15		6	6	6			6				6		6		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA							
					Application	LineProtection							
					FrameSize	NH2				NH3			
					Characteristic	gG							
					Un[V]Fuses	400 / 500 / 690		500	690	500		690	
					Icu[kA]	120							
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100	125	160	35	224 / 250 / 300 / 315	200	224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	250 / 315 / 355 / 400 / 425 / 500
5SY6	LineProtection	B	10	6	40	4.2	6.4	8.6		T	T	T	T
					50	3.4	4.9	7.8		T	T	T	T
					63	3.1	4.6	7		T	T	T	T
					10	7.3	13	T	1.2	T	T	T	T
					13	5.5	8.6	T	1.1	T	T	T	T
					16	5	7.8	T	1	T	T	T	T
			15		20	4.8	7	11	1	T	T	T	T
					25	4.3	6.4	9.8		T	T	T	T
					32	4.1	5.7	8.4		T	T	T	T
					2	16	16	16	2.1	16	16	16	16
					4	15	16	16	1.4	16	16	16	16
					6	16	16	16	1.5	16	16	16	16
		30	6		6	6							
					6	6							
		15	10		6	6							
					6	6							

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA			
					Application	LineProtection			
					FrameSize	NH4	NH4a		
					Characteristic	gG			
					Un[V]Fuses	500			
					Icu[kA]	120			
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250		
5SY6	LineProtection	B	10	6	40	T	T		
					50	T	T		
					63	T	T		
					10	T	T		
					13	T	T		
					16	T	T		
					20	T	T		
					25	T	T		
					32	T	T		
					2	16	16		
			4		16	16			
			6		16	16			
			15		30	B+SHU750_1_35 / B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_35 / B+SHU750_3_40 / B+SHU750_3_50	10		
							15		
							15		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA													
					Application	LineProtection													
					FrameSize	NH000													
					Characteristic	gG													
					Un[V]Fuses	400	400 / 500			400 / 500 / 690									
					Icu[kA]	120													
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	63	80	100	16	20	25	32	35	40	50		
5SY6	LineProtection	B+SHU750_1_35 / B+SHU750_3_35 / C+SHU750_1_35 / C+SHU750_3_35	15	6	13 / 16	6		5	6	6									
					20	6		4	6	6									
					25	6				6									
		B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50	15		10 / 13 / 16	6		6	6	6									
					20	6		5	6	6									
					25	6		4.5	6	6									
B+SHU750_1_40 / B+SHU750_3_40 / C+SHU750_1_40 / C+SHU750_3_40	15	20	6		5	6	6												
		25	6		4.5	6	6												

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA																
					Application	LineProtection																
					FrameSize	NH00						NH0										
					Characteristic	gG																
					Un[V]Fuses	400 / 500	400 / 500 / 690	500	500 / 690	690	500											
					Icu[kA]	120																
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	80	100	35	50	63	40	10	16	20	32	35				
5SY6	LineProtection	B+SHU750_1_35 / B+SHU750_3_35 / C+SHU750_1_35 / C+SHU750_3_35	15	6	13 / 16	6		6	6			5										
					20	6		6	6			4										
					25	6			6													
		B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50	15		10 / 13 / 16	6		6	6					6								
					20	6		6	6					5								
					25	6		6	6					4.5								
B+SHU750_1_40 / B+SHU750_3_40 / C+SHU750_1_40 / C+SHU750_3_40	15																					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH0						NH0 / NH1		NH1				
					Characteristic	gG												
					Un[V]Fuses	500						400 / 500						
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	40	50	63	80	100	125	160	25	35	40	224 / 250		
5SY6	LineProtection	B+SHU750_1_35 / B+SHU750_3_35 / C+SHU750_1_35 / C+SHU750_3_35	15	6	13 / 16			5	6	6	6							
					20			4	6	6	6							
					25					6	6							
		B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50	15		10 / 13 / 16			6	6	6	6							
					20			5	6	6	6							
					25			4.5	6	6	6							
B+SHU750_1_40 / B+SHU750_3_40 / C+SHU750_1_40 / C+SHU750_3_40	15	20																
		25																

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA													
					Application	LineProtection													
					FrameSize	NH1					NH1 / NH2		NH2						
					Characteristic	gG													
					Un[V]Fuses	400 / 500 / 690				500	400 / 500 / 690		400 / 500						
					Icu[kA]	120													
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	100	125	160	16	20	80	200	50	63	224 / 250 / 300 / 315 / 355 / 400		
5SY6	LineProtection	B+SHU750_1_35 / B+SHU750_3_35 / C+SHU750_1_35 / C+SHU750_3_35	15	6	13 / 16		5	6	6				6			5			
					20		4	6	6			6		4					
					25			6	6										
		B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50	15		10 / 13 / 16		6	6	6					6			6		
					20		5	6	6			6		5					
					25		4.5	6	6			6		4.5					
B+SHU750_1_40 / B+SHU750_3_40 / C+SHU750_1_40 / C+SHU750_3_40	15	20																	
		25																	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA									
					Application	LineProtection									
					FrameSize	NH2				NH3					
					Characteristic	gG									
					Un[V]Fuses	400 / 500 / 690		500	690	500		690			
					Icu[kA]	120									
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100	125	160	35	224 / 250 / 300 / 315	200	224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	250 / 315 / 355 / 400 / 425 / 500		
5SY6	LineProtection	B+SHU750_1_35 / B+SHU750_3_35 / C+SHU750_1_35 / C+SHU750_3_35	15	6	13 / 16	6	6								
					20	6	6								
					25	6	6								
		B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50	15		10 / 13 / 16	6	6								
					20	6	6								
					25	6	6								
B+SHU750_1_40 / B+SHU750_3_40 / C+SHU750_1_40 / C+SHU750_3_40	15	20	6	6											
		25	6	6											



Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA	
					Application	LineProtection	
					FrameSize	NH4	NH4a
					Characteristic	gG	
					Un[V]Fuses	500	
					Icu[kA]	120	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250
5SY6	LineProtection	B+SHU750_1_35 / B+SHU750_3_35 / C+SHU750_1_35 / C+SHU750_3_35	15	6	13 / 16		
					20		
					25		
		B+SHU750_1_40 / B+SHU750_1_50 / B+SHU750_3_40 / B+SHU750_3_50	15		10 / 13 / 16		
					20		
					25		
B+SHU750_1_40 / B+SHU750_3_40 / C+SHU750_1_40 / C+SHU750_3_40	15						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA																
					Application	LineProtection																
					FrameSize	NH000																
					Characteristic	gG																
					Un[V]Fuses	400	400 / 500			400 / 500 / 690												
					Icu[kA]	120																
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	63	80	100	16	20	25	32	35	40	50					
5SY6	LineProtection	B+SHU750_1_50 / B+SHU750_3_50 / C+SHU750_1_50 / C+SHU750_3_50	15	6	20 / 25	6		4.5	6	6												
					10 / 13 / 16 / 20 / 25	6			6	6												
					6	6			6	6												
					40	5.2	8.9	1.6	2.4	4.2												
					50	5	8		2.2	4.1												
					63	4.5	7.1			3.6												
		C	15	6	8 / 10	11	T	2.5	4.1	7.7					0.5	0.8	1.1	1.3	1.8			
					13 / 15 / 16	7.3	T	2.2	3.4	6.2					0.4	0.7	1	1.2	1.7			
					20	5.9	10	1.7	2.7	4.9						0.5	0.8	1	1.3			
					25	5.9	10	1.7	2.7	4.9								1	1.3			
					32	5.8	10	1.7	2.6	4.7									1.3			
					0.3 / 0.5 / 1 / 1.6 / 2	T	T	10	T	T						0.8	1.8	2.9	3.9	5.8		
		30	15	6	3	T	T	5.9	17	T					0.7	1.3	2.1	2.8	4			
					4 / 5 / 6	T	T	3	4.7	13					0.5	0.9	1.3	1.7	2.3			

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA																
					Application	LineProtection																
					FrameSize	NH00							NH0									
					Characteristic	gG																
					Un[V]Fuses	400 / 500	400 / 500 / 690	500	500 / 690	690	500											
					Icu[kA]	120																
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	80	100	35	50	63	40	10	16	20	32	35				
5SY6	LineProtection	B+SHU750_1_50 / B+SHU750_3_50 / C+SHU750_1_50 / C+SHU750_3_50	15	6	20 / 25	6		6	6			4.5										
					10 / 13 / 16 / 20 / 25	6		6	6													
					6	6		6	6													
		C	10		40	5.8	8.5	2.4	4.2					1.6								
					50	5.7	7.8	2.2	4													
					63	5	6.9		3.5													
			15		8 / 10	14	T	4.1	7.5	1.1	1.9	2.5	1.3							0.8	1.1	
					13 / 15 / 16	8.8	T	3.4	6.1	1	1.7	2.2	1.2							0.7	1	
					20	6.5	10	2.7	4.9	0.8	1.4	1.7	1							0.5	0.8	
			30		25	6.5	10	2.7	4.9		1.4	1.7	1									
					32	6.4	10	2.6	4.6		1.4	1.7										
					0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	2.9	6	10	3.9							1.8	2.9	
		3			T	T	17	T	2.1	4.1	5.9	2.8							1.3	2.1		
		4 / 5 / 6			T	T	4.7	12	1.3	2.3	3	1.7							0.9	1.3		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH0					NH0 / NH1		NH1							
					Characteristic	gG														
					Un[V]Fuses	500					400 / 500									
					Icu[kA]	120														
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	40	50	63	80	100	125	160	25	35	40	224 / 250				
5SY6	LineProtection	B+SHU750_1_50 / B+SHU750_3_50 / C+SHU750_1_50 / C+SHU750_3_50	15	6	20 / 25			4.5	6	6	6									
					10 / 13 / 16 / 20 / 25				6	6	6									
					6				6	6	6									
		C	10		40			1.5	2.3	4	5.8	9							T	
					50				2.2	3.8	5.7	8							T	
					63					3.4	5	7.1							T	
			15		8 / 10	1.3	1.8	2.2	4	7.2	14	T	0.5	1	1.2				T	
					13 / 15 / 16	1.2	1.6	2	3.3	6	8.7	T	0.4	0.9	1				T	
					20	1	1.3	1.6	2.6	4.7	6.5	10		0.7	0.8				T	
			30		25	1	1.3	1.6	2.6	4.7	6.5	10						0.8		T
					32		1.3	1.6	2.6	4.5	6.4	10								T
					0.3 / 0.5 / 1 / 1.6 / 2	3.9	5.7	7.4	T	T	T	T	0.8	2.6	3.1					T
		3			2.8	3.9	5	16	T	T	T	0.7	1.9	2.3					T	
		4 / 5 / 6			1.7	2.2	2.7	4.5	11	T	T	0.5	1.2	1.4					T	

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH1					NH1 / NH2		NH2					
					Characteristic	gG												
					Un[V]Fuses	400 / 500 / 690					500		400 / 500 / 690		400 / 500			
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	100	125	160	16	20	80	200	50	63	224 / 250 / 300 / 315 / 355 / 400	
5SY6	LineProtection	B+SHU750_1_50 / B+SHU750_3_50 / C+SHU750_1_50 / C+SHU750_3_50	15	6	20 / 25		4.5	6	6				6			4.5		
					10 / 13 / 16 / 20 / 25			6	6			6						
					6			6	6			6						
					40		1.5	4	5.8	9			2.3	T		1.5	T	
					50			3.8	5.7	8			2.2	T			T	
					63			3.4	5	7.1				T			T	
		C	15	6	8 / 10	1.8	2.2	7.2	14	T				4	T	1.8	2.3	T
					13 / 15 / 16	1.6	2	6	8.7	T			3.3	T	1.6	2	T	
					20	1.3	1.6	4.7	6.5	10			2.6	T	1.3	1.6	T	
					25	1.3	1.6	4.7	6.5	10			2.6	T	1.3	1.6	T	
					32	1.3	1.6	4.5	6.4	10			2.6	T	1.3	1.6	T	
					0.3 / 0.5 / 1 / 1.6 / 2	5.7	7.4	T	T	T				T	T	5.7	8.4	T
		C	30	6	3	3.9	5	T	T	T				16	T	3.9	5.4	T
					4 / 5 / 6	2.2	2.7	11	T	T			4.5	T	2.2	2.9	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA										
					Application	LineProtection										
					FrameSize	NH2				NH3						
					Characteristic	gG										
					Un[V]Fuses	400 / 500 / 690		500	690	500		690				
					Icu[kA]	120										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100	125	160	35	224 / 250 / 300 / 315	200	224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	250 / 315 / 355 / 400 / 425 / 500			
5SY6	LineProtection	B+SHU750_1_50 / B+SHU750_3_50 / C+SHU750_1_50 / C+SHU750_3_50	15	6	20 / 25	6	6									
					10 / 13 / 16 / 20 / 25	6	6									
					6	6	6									
		C	10		40	3.9	5.7	8.9			T	T		T	T	
					50	3.7	5.6	8			T	T		T	T	
					63	3.3	4.9	7			T	T		T	T	
			15		8 / 10	7	13	T	1.1			T	T		T	T
					13 / 15 / 16	5.8	8.4	T	0.9			T	T		T	T
					20	4.6	6.4	10	0.8			T	T		T	T
					25	4.6	6.4	10				T	T		T	T
					32	4.4	6.3	10				T	T		T	T
					0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	2.8			T	T		T	T
		30	3		T	T	T	2			T	T		T	T	
			4 / 5 / 6		10	T	T	1.3			T	T		T	T	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA		
					Application	LineProtection		
					FrameSize	NH4	NH4a	
					Characteristic	gG		
					Un[V]Fuses	500		
					Icu[kA]	120		
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250	
5SY6	LineProtection	B+SHU750_1_50 / B+SHU750_3_50 / C+SHU750_1_50 / C+SHU750_3_50	15	6	20 / 25			
					10 / 13 / 16 / 20 / 25			
					6			
		C	10	15	6	40	T	T
						50	T	T
						63	T	T
	15		30	6	8 / 10	T	T	
					13 / 15 / 16	T	T	
					20	T	T	
	30		30	6	25	T	T	
					32	T	T	
					0.3 / 0.5 / 1 / 1.6 / 2	T	T	
						3	T	T
						4 / 5 / 6	T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA															
					Application	LineProtection															
					FrameSize	NH000															
					Characteristic	gG															
					Un[V]Fuses	400	400 / 500			400 / 500 / 690											
					Icu[kA]	120															
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	63	80	100	16	20	25	32	35	40	50				
5SY6	LineProtection	C+SHU750_1_50 / C+SHU750_3_50	30	6	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	6		6	6	6											
		C+SHU750_1_35 / C+SHU750_3_35	15		8 / 10	6		6	6	6											
		C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	15		8 / 10 / 13 / 16	6		6	6	6											
		C+SHU750_1_63 / C+SHU750_3_63	15		8 / 10 / 13 / 16 / 20 / 25	6		6	6												
			30		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	6		6	6												



NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA														
					Application	LineProtection														
					FrameSize	NH00						NH0								
					Characteristic	gG														
					Un[V]Fuses	400 / 500	400 / 500 / 690	500	500 / 690	690	500									
					Icu[kA]	120														
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	80	100	35	50	63	40	10	16	20	32	35		
5SY6	LineProtection	C+SHU750_1_50 / C+SHU750_3_50	30	6	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	6		6	6			6								
						6		6	6			6								
		C+SHU750_1_35 / C+SHU750_3_35	15		8 / 10	6		6	6					6						
						6		6	6			6								
		C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	15		8 / 10 / 13 / 16	6		6	6					6						
						6		6	6			6								
		C+SHU750_1_63 / C+SHU750_3_63	15		8 / 10 / 13 / 16 / 20 / 25	6		6	6											
						6		6	6											
C+SHU750_1_63 / C+SHU750_3_63	30	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	6		6	6														
			6		6	6														

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH0					NH0 / NH1		NH1					
					Characteristic	gG												
					Un[V]Fuses	500					400 / 500							
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	40	50	63	80	100	125	160	25	35	40	224 / 250		
5SY6	LineProtection	C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	30	6	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6			6	6	6	6							
		C+SHU750_1_35 / C+SHU750_3_35	15					6	6	6	6							
		C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	15					6	6	6	6							
		C+SHU750_1_63 / C+SHU750_3_63	15					6	6	6	6							
		30				0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6			6	6	6							

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH1					NH1 / NH2			NH2				
					Characteristic	gG												
					Un[V]Fuses	400 / 500 / 690					500		400 / 500 / 690			400 / 500		
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	100	125	160	16	20	80	200	50	63	224 / 250 / 300 / 315 / 355 / 400	
5SY6	LineProtection	C+SHU750_1_50 / C+SHU750_3_50	30	6	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6		6	6	6				6			6		
		C+SHU750_1_35 / C+SHU750_3_35			15	8 / 10		6	6	6			6		6			
		C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50			15	8 / 10 / 13 / 16		6	6	6			6		6			
		C+SHU750_1_63 / C+SHU750_3_63			15	8 / 10 / 13 / 16 / 20 / 25			6	6			6					
				30		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6			6	6			6					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA							
					Application	LineProtection							
					FrameSize	NH2				NH3			
					Characteristic	gG							
					Un[V]Fuses	400 / 500 / 690		500	690	500		690	
					Icu[kA]	120							
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100	125	160	35	224 / 250 / 300 / 315	200	224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	250 / 315 / 355 / 400 / 425 / 500
5SY6	LineProtection	C+SHU750_1_50 / C+SHU750_3_35 / C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_35 / C+SHU750_3_40 / C+SHU750_3_50	30	6	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	6	6						
		C+SHU750_1_35 / C+SHU750_3_35	15		8 / 10	6	6						
		C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	15		8 / 10 / 13 / 16	6	6						
		C+SHU750_1_63 / C+SHU750_3_63	15		8 / 10 / 13 / 16 / 20 / 25	6	6						
			30		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6	6	6						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA	
					Application	LineProtection	
					FrameSize	NH4	NH4a
					Characteristic	gG	
					Un[V]Fuses	500	
					Icu[kA]	120	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250
5SY6	LineProtection	C+SHU750_1_50 / C+SHU750_3_50	30	6	0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6		
		C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_35 / C+SHU750_3_40 / C+SHU750_3_50					
		C+SHU750_1_35 / C+SHU750_3_35	15		8 / 10		
		C+SHU750_1_40 / C+SHU750_1_50 / C+SHU750_3_40 / C+SHU750_3_50	15		8 / 10 / 13 / 16		
		C+SHU750_1_63 / C+SHU750_3_63	15		8 / 10 / 13 / 16 / 20 / 25		
			30		0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA															
					Application	LineProtection															
					FrameSize	NH000															
					Characteristic	gG															
					Un[V]Fuses	400	400 / 500			400 / 500 / 690											
					Icu[kA]	120															
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	63	80	100	16	20	25	32	35	40	50				
5SY6	LineProtection	D	10	6	40	3.5	5.5	1.1	1.7	3.1											
					50	3.5	5.8		1.5	3											
					63	3.3	5.4			2.7											
					8	7.7	T	2	3.2	6.1			0.4	0.7	1	1.2	1.6				
					10	7.1	T	1.9	3	5.3			0.3	0.6	0.9	1.1	1.5				
					13	7.6	T	1.9	3	5.6				0.6	0.9	1.1	1.5				
			15		16	5.9	12	1.8	2.8	4.8				0.5	0.8	1.1	1.4				
					20	4.8	10	1.6	2.4	4						1	1.2				
					25	5.1	9.8	1.5	2.3	4.2						1	1.2				
					32	4	7.1	1.2	1.8	3.3								1			
					0.3 / 0.5 / 1 / 1.6 / 2	16	16	6.5	15	16	0.2	0.3	0.8	1.4	2.2	2.9	4.3				
					3	16	16	4.4	8.9	16	0.1	0.2	0.6	1.1	1.6	2.1	2.9				
			30		4	16	16	3.1	5.1	15	0.1	0.2	0.6	1	1.4	1.7	2.3				
					6	13	T	2.5	4.1	9.5	0.1	0.2	0.5	0.8	1.2	1.5	1.9				

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA																	
					Application	LineProtection																	
					FrameSize	NH00									NH0								
					Characteristic	gG																	
					Un[V]Fuses	400 / 500	400 / 500 / 690	500	500 / 690	690	500												
					Icu[kA]	120																	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	80	100	35	50	63	40	10	16	20	32	35					
5SY6	LineProtection	D	10	6	40	3.9	5.4	1.7	3			1.1											
					50	3.9	5.7	1.5	2.9														
					63	3.6	5.3		2.7														
					8	8.8	T	3.2	5.9	1	1.6	2	1.2				0.1	0.7	1				
					10	8.8	T	3	5.2	0.9	1.5	1.9	1.1							0.6	0.9		
					13	9.1	T	3	5.5	0.9	1.5	1.9	1.1							0.6	0.9		
			15		16	6.9	11	2.8	4.8	0.8	1.4	1.8	1.1							0.5	0.8		
					20	5.4	10	2.4	4		1.3	1.6	1										
					25	5.8	9.6	2.3	4.1		1.2	1.5	1										
					32	4.5	7	1.8	3.2		1	1.2											
					0.3 / 0.5 / 1 / 1.6 / 2	16	16	15	16	2.2	4.5	6.5	2.9	0.1	0.2	0.3	1.4	2.2					
					3	16	16	8.9	16	1.6	2.9	4.4	2.1	0.1	0.2	0.3	1.1	1.6					
			30		4	16	16	5.1	14	1.4	2.4	3.1	1.7			0.2	0.3	1	1.4				
					6	T	T	4.1	9.2	1.2	2	2.5	1.5			0.2	0.2	0.8	1.2				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH0					NH0 / NH1		NH1				
					Characteristic	gG											
					Un[V]Fuses	500					400 / 500						
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	40	50	63	80	100	125	160	25	35	40	224 / 250	
5SY6	LineProtection	D	10	6	40			1	1.7	3	3.8	5.5				T	
					50				1.4	2.8	3.9	5.9				T	
					63					2.5	3.6	5.5				T	
					8	1.2	1.5	1.8	3.1	5.7	8.7	T	0.4	0.9	1	T	
					10	1.1	1.5	1.7	2.9	5	8.7	T	0.3	0.8	1	T	
					13	1.1	1.5	1.7	2.9	5.3	9.1	T		0.8	1	T	
			15		16	1.1	1.4	1.6	2.8	4.6	6.8	12			0.7	0.9	T
					20	1	1.2	1.4	2.3	3.8	5.4	10				0.9	T
					25	1	1.2	1.4	2.2	3.9	5.8	9.9				0.8	T
					32		1	1.1	1.8	3.1	4.5	7.2					T
					0.3 / 0.5 / 1 / 1.6 / 2	2.9	4.3	5.5	15	16	16	16	0.8	2	2.4	16	
					3	2.1	2.8	3.8	8.6	16	16	16	0.6	1.5	1.8	16	
			30		4	1.7	2.3	2.8	4.9	12	16	16	0.6	1.3	1.5	16	
					6	1.5	1.9	2.3	4	8.6	T	T	0.5	1.1	1.2	T	



NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH1					NH1 / NH2		NH2				
					Characteristic	gG											
					Un[V]Fuses	400 / 500 / 690				500	400 / 500 / 690		400 / 500				
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	100	125	160	16	20	80	200	50	63	224 / 250 / 300 / 315 / 355 / 400
5SY6	LineProtection	D	10	6	40		1	3	3.8	5.5			1.7	T		1.1	T
					50			2.8	3.9	5.9			1.4	T			T
					63			2.5	3.6	5.5				T			T
					8	1.5	1.8	5.7	8.7	T			3.1	T	1.5	1.9	T
					10	1.5	1.7	5	8.7	T			2.9	T	1.5	1.8	T
					13	1.5	1.7	5.3	9.1	T			2.9	T	1.5	1.8	T
			15		16	1.4	1.6	4.6	6.8	12			2.8	T	1.4	1.7	T
					20	1.2	1.4	3.8	5.4	10			2.3	T	1.2	1.5	T
					25	1.2	1.4	3.9	5.8	9.9			2.2	14	1.2	1.4	T
					32	1	1.1	3.1	4.5	7.2			1.8	12	1	1.2	T
					0.3 / 0.5 / 1 / 1.6 / 2	4.3	5.5	16	16	16	0.2	0.3	15	16	4.3	5.8	16
					3	2.8	3.8	16	16	16	0.1	0.3	8.6	16	2.8	4	16
			30		4	2.3	2.8	12	16	16	0.1	0.2	4.9	16	2.3	2.9	16
					6	1.9	2.3	8.6	T	T	0.1	0.2	4	T	1.9	2.4	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA								
					Application	LineProtection								
					FrameSize	NH2				NH3				
					Characteristic	gG								
					Un[V]Fuses	400 / 500 / 690			500	690	500			690
					Icu[kA]	120								
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100	125	160	35	224 / 250 / 300 / 315	200	224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	250 / 315 / 355 / 400 / 425 / 500	
5SY6	LineProtection	D	10	6	40	2.9	3.8	5.5			T	T	T	T
					50	2.7	3.8	5.8			T	9.6	T	T
					63	2.5	3.6	5.4			T	9.3	T	T
					8	5.6	8.6	T	1	T	T	T	T	T
					10	4.9	8.5	T	0.9	T	T	T	T	T
					13	5.1	8.8	T	0.9	T	T	T	T	T
			15		16	4.5	6.7	12	0.8	T	T	T	T	T
					20	3.8	5.3	10		T	T	T	T	T
					25	3.8	5.7	9.8		T	13	T	T	T
					32	3	4.4	7.1		T	11	T	T	T
					0.3 / 0.5 / 1 / 1.6 / 2	16	16	16	2.1	16	16	16	16	16
					3	16	16	16	1.6	16	16	16	16	16
			30		4	11	16	16	1.3	16	16	16	16	16
					6	8.3	T	T	1.1	T	T	T	T	T

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA	
					Application	LineProtection	
					FrameSize	NH4	NH4a
					Characteristic	gG	
					Un[V]Fuses	500	
					Icu[kA]	120	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250
5SY6	LineProtection	D	10	6	40	T	T
					50	T	T
					63	T	T
					8	T	T
					10	T	T
					13	T	T
			15		16	T	T
					20	T	T
					25	T	T
					32	T	T
					0.3 / 0.5 / 1 / 1.6 / 2	16	16
					30	3	16
			4			16	16
			6			T	T

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA															
					Application	LineProtection															
					FrameSize	NH000															
					Characteristic	gG															
					Un[V]Fuses	400		400 / 500			400 / 500 / 690										
					Icu[kA]	120															
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	63	80	100	16	20	25	32	35	40	50				
5SY7	LineProtection	B	20	15	40	6	8.6	1.5	2.3	4.7											
					50	4.5	7.8		2.1	3.7											
					63	4.2	7			3.4											
			25		13	7.7	16	2.2	3.4	6	0.1	0.2	0.5	0.8	1.1	1.3	1.7				
					16	6.8	15	2	3.1	5.4			0.4	0.7	1	1.2	1.6				
					20	6.4	11	1.9	2.9	5.2				0.7	1	1.2	1.5				
					25	5.8	9.9	1.7	2.5	4.7						1.1	1.3				
					32	5.3	8.5	1.6	2.5	4.4											1.3
					40	11	16	2.4	3.9	8.3	0.1	0.2	0.5	0.9	1.2	1.4	1.9				
					6	16	16	3.9	7.1	16	0.1	0.2	0.6	1	1.5	2	2.7				
		C	20		40	5.2	8.9	1.6	2.4	4.2											
					50	5	8		2.2	4.1											
					63	4.5	7.1			3.6											
			25		13 / 16	7.3	16	2.2	3.4	6.2			0.4	0.7	1	1.2	1.7				
					20	5.9	10	1.7	2.7	4.9				0.5	0.8	1	1.3				
					25	5.9	10	1.7	2.7	4.9						1	1.3				
					32	5.8	10	1.7	2.6	4.7											1.3
					8 / 10	11	T	2.5	4.1	7.7			0.5	0.8	1.1	1.3	1.8				
					3	39	39	5.9	17	39			0.7	1.3	2.1	2.8	4				
					4 / 6	39	39	3	4.7	13			0.5	0.9	1.3	1.7	2.3				
		0.3 / 0.5 / 1 / 1.6 / 2	T		T	10	T	T			0.8	1.8	2.9	3.9	5.8						
		D	15		50	3.5	5.8		1.5	3											
					63	3.3	5.4			2.7											
			25		40	3.5	5.5	1.1	1.7	3.1											
					13	7.6	18	1.9	3	5.6				0.6	0.9	1.1	1.5				
					16	5.9	12	1.8	2.8	4.8				0.5	0.8	1.1	1.4				
					20	4.8	10	1.6	2.4	4						1	1.2				
					25	5.1	9.8	1.5	2.3	4.2						1	1.2				
					32	4	7.1	1.2	1.8	3.3											1
					8	7.7	T	2	3.2	6.1			0.4	0.7	1	1.2	1.6				
10	7.1			22	1.9	3	5.3			0.3	0.6	0.9	1.1	1.5							

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA																
					Application	LineProtection																
					FrameSize	NH00						NH00 / NH0	NH0									
					Characteristic	gG																
					Un[V]Fuses	400 / 500	400 / 500 / 690	500 / 690	690	500												
					Icu[kA]	120																
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	80	100	50	63	40	35	10	16	20	32	40				
5SY7	LineProtection	B	20	15	40	6.5	8.5	2.3	4.6		1.5											
					50	5	7.6	2.1	3.6													
					63	4.7	6.9		3.3													
			25		13	8.8	16	3.4	5.9	1.8	2.2	1.1	1.1					0.2	0.8	1.3		
					16	8	14	3.1	5.3	1.6	2	1	1						0.7	1.2		
					20	7.1	10	2.9	5.1	1.5	1.9	1	1						0.7	1.2		
			30		25	6.5	9.6	2.5	4.6	1.4	1.7	0.9	0.9									1.1
					32	5.8	8.3	2.5	4.4	1.3	1.6											
					10	14	16	3.9	8.1	1.9	2.4	1.2	1.2		0.2	0.3	0.9	1.4				
		C	20		6	16	16	7.1	16	2.8	3.9	1.5	1.5			0.2	0.3	1	2			
					40	5.8	8.5	2.4	4.2		1.6											
					50	5.7	7.8	2.2	4													
			25		63	5	6.9		3.5													
					13 / 16	8.8	16	3.4	6.1	1.7	2.2	1.2	1						0.7	1.2		
					20	6.5	10	2.7	4.9	1.4	1.7	1	0.8						0.5	1		
			30		25	6.5	10	2.7	4.9	1.4	1.7	1										1
					32	6.4	10	2.6	4.6	1.4	1.7											
					8 / 10	14	T	4.1	7.5	1.9	2.5	1.3	1.1						0.8	1.3		
		D	40		3	39	39	17	39	4.1	5.9	2.8	2.1						1.3	2.8		
					4 / 6	39	39	4.7	12	2.3	3	1.7	1.3						0.9	1.7		
					0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	6	10	3.9	2.9						1.8	3.9		
			25		50	3.9	5.7	1.5	2.9													
					63	3.6	5.3		2.7													
					40	3.9	5.4	1.7	3		1.1											
			30		13	9.1	17	3	5.5	1.5	1.9	1.1	0.9							0.6	1.1	
					16	6.9	11	2.8	4.8	1.4	1.8	1.1	0.8							0.5	1.1	
					20	5.4	10	2.4	4	1.3	1.6	1									1	
		25			5.8	9.6	2.3	4.1	1.2	1.5	1									1		
		32			4.5	7	1.8	3.2	1	1.2												
		8			8.8	T	3.2	5.9	1.6	2	1.2	1				0.1	0.7	1.2				
		10	8.8		22	3	5.2	1.5	1.9	1.1	0.9						0.6	1.1				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA										
					Application	LineProtection										
					FrameSize	NH0					NH0 / NH1		NH1			
					Characteristic	gG										
					Un[V]Fuses	500						400 / 500				
					Icu[kA]	120										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	125	160	25	35	40	224	250
5SY7	LineProtection	B	20	15	40		1.4	2.2	4.4	6.4	8.6				16	16
					50			2	3.5	5	7.9				15	15
					63				3.2	4.7	7.1				15	15
			25		13	1.7	2	3.3	5.7	8.8	16	0.5	1	1.1	16	16
					16	1.6	1.9	3	5.1	7.9	15	0.4	1	1.1	16	16
					20	1.5	1.7	2.8	4.9	7.1	11		0.9	1	16	16
					25	1.3	1.6	2.5	4.4	6.5	9.9			1	16	16
					32	1.3	1.5	2.4	4.2	5.8	8.5				16	16
					40	1.8	2.2	3.7	7.6	14	16	0.5	1.1	1.2	16	16
					6	2.7	3.4	6.9	16	16	16	0.6	1.4	1.6	16	16
		C	20	40		1.5	2.3	4	5.8	9					19	T
				50			2.2	3.8	5.7	8					T	T
				63				3.4	5	7.1					15	T
			25	13 / 16	1.6	2	3.3	6	8.7	17	0.4	0.9	1	T	T	
				20	1.3	1.6	2.6	4.7	6.5	10		0.7	0.8	T	T	
				25	1.3	1.6	2.6	4.7	6.5	10			0.8	T	T	
				32	1.3	1.6	2.6	4.5	6.4	10				T	T	
				8 / 10	1.8	2.2	4	7.2	14	T	0.5	1	1.2	T	T	
				3	3.9	5	16	39	39	39	0.7	1.9	2.3	39	39	
				4 / 6	2.2	2.7	4.5	11	39	39	0.5	1.2	1.4	39	39	
		0.3 / 0.5 / 1 / 1.6 / 2	5.7	7.4	T	T	T	T	0.8	2.6	3.1	T	T			
		D	15	50			1.4	2.8	3.9	5.9					12	T
				63				2.5	3.6	5.5					11	14
				40		1	1.7	3	3.8	5.5					12	T
			25	13	1.5	1.7	2.9	5.3	9.1	18		0.8	1	T	T	
				16	1.4	1.6	2.8	4.6	6.8	12		0.7	0.9	T	T	
				20	1.2	1.4	2.3	3.8	5.4	10			0.9	T	T	
				25	1.2	1.4	2.2	3.9	5.8	9.9			0.8	T	T	
				32	1	1.1	1.8	3.1	4.5	7.2				16	22	
				8	1.5	1.8	3.1	5.7	8.7	T	0.4	0.9	1	T	T	
10	1.5			1.7	2.9	5	8.7	23	0.3	0.8	1	T	T			

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA																
					Application	LineProtection																
					FrameSize	NH1					NH1 / NH2		NH2									
					Characteristic	gG																
					Un[V]Fuses	400 / 500 / 690					500	400 / 500 / 690		400 / 500								
					Icu[kA]	120																
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	100	125	160	16	20	80	200	50	63	300 / 315 / 355 / 400					
5SY7	LineProtection	B	20	15	40		1.4	4.4	6.4	8.6			2.2	16		1.5	16					
					50			3.5	5	7.9			2	14			15					
			63				3.2	4.7	7.1				12			15						
			25		13	1.7	2	5.7	8.8	16		0.2	3.3	16	1.7	2.1	16					
					16	1.6	1.9	5.1	7.9	15			3	16	1.6	1.9	16					
					20	1.5	1.7	4.9	7.1	11			2.8	16	1.5	1.8	16					
			C		20	40	30	15	25	1.3	1.6	4.4	6.5	9.9			2.5	16	1.3	1.6	16	
									32	1.3	1.5	4.2	5.8	8.5			2.4	16	1.3	1.6	16	
					25	40	30		10	1.8	2.2	7.6	14	16	0.1	0.2	3.7	16	1.8	2.3	16	
									6	2.7	3.4	16	16	16	0.1	0.2	6.9	16	2.7	3.6	16	
		D		20	40	30	15		40		1.5	4	5.8	9			2.3	15		1.5	T	
									50			3.8	5.7	8			2.2	16			T	
				25	40	30			63			3.4	5	7.1				12			T	
									13 / 16	1.6	2	6	8.7	17			3.3	T	1.6	2	T	
				30	15	20			25	20	1.3	1.6	4.7	6.5	10			2.6	19	1.3	1.6	T
										25	1.3	1.6	4.7	6.5	10			2.6	19	1.3	1.6	T
			25		30	32		1.3	1.6	4.5	6.4	10			2.6	19	1.3	1.6	T			
						8 / 10		1.8	2.2	7.2	14	T			4	T	1.8	2.3	T			
		30	15	20	25	3		3.9	5	39	39	39			16	39	3.9	5.4	39			
						4 / 6		2.2	2.7	11	39	39			4.5	39	2.2	2.9	39			
			25	15	20	0.3 / 0.5 / 1 / 1.6 / 2	5.7	7.4	T	T	T				T	T	5.7	8.4	T			
						50			2.8	3.9	5.9			1.4	10				T			
				25	30	63			2.5	3.6	5.5				10				T			
						40		1	3	3.8	5.5			1.7	10		1.1	T				
		30	15	20	13	1.5	1.7	5.3	9.1	18			2.9	T	1.5	1.8	T					
					16	1.4	1.6	4.6	6.8	12			2.8	T	1.4	1.7	T					
			25	30	20	1.2	1.4	3.8	5.4	10			2.3	24	1.2	1.5	T					
					25	1.2	1.4	3.9	5.8	9.9			2.2	14	1.2	1.4	T					
		30	30	32	1	1.1	3.1	4.5	7.2			1.8	12	1	1.2	T						
				8	1.5	1.8	5.7	8.7	T			3.1	T	1.5	1.9	T						
					10	1.5	1.7	5	8.7	23			2.9	T	1.5	1.8	T					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA										
					Application	LineProtection										
					FrameSize	NH2					NH3					
					Characteristic	gG										
					Un[V]Fuses	400 / 500 / 690			500	690	500			500 / 690		
					Icu[kA]	120										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100	125	160	224	250	35	300 / 315	200	224	300 / 315 / 355 / 400 / 425 / 500 / 630	250
5SY7	LineProtection	B	20	15	40	4.2	6.4	8.6	16	16		16	16	16	16	16
					50	3.4	4.9	7.8	15	15		15	12	15	15	15
			63		3.1	4.6	7	15	15		15	11	15	15	15	
			25		13	5.5	8.6	16	16	16	1.1	16	16	16	16	16
					16	5	7.8	15	16	16	1	16	16	16	16	16
			20		4.8	7	11	16	16	1	16	16	16	16	16	
			25		4.3	6.4	9.8	16	16		16	16	16	16	16	
			32		4.1	5.7	8.4	16	16		16	16	16	16	16	
			40		10	7.3	13	16	16	16	1.2	16	16	16	16	16
					6	16	16	16	16	16	1.5	16	16	16	16	16
		C	20	40	3.9	5.7	8.9	19	T		T	14	18	T	T	
				50	3.7	5.6	8	T	T		T	14	T	T	T	
			63	3.3	4.9	7	15	T		T	11	14	T	T		
			25	13 / 16	5.8	8.4	16	T	T	0.9	T	T	T	T	T	
				20	4.6	6.4	10	T	T	0.8	T	18	T	T	T	
			25	4.6	6.4	10	T	T		T	18	T	T	T		
			32	4.4	6.3	10	T	T		T	17	T	T	T		
			30	8 / 10	7	13	T	T	T	1.1	T	T	T	T	T	
				3	39	39	39	39	39	2	39	39	39	39	39	
			4 / 6	10	39	39	39	39	1.3	39	39	39	39	39		
		D	15	0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	T	2.8	T	T	T	T	T	
				50	2.7	3.8	5.8	12	T		T	9.6	12	T	T	
			20	63	2.5	3.6	5.4	11	14		T	9.3	11	T	14	
				40	2.9	3.8	5.5	12	T		T	10	12	T	T	
			25	13	5.1	8.8	18	T	T	0.9	T	T	T	T	T	
				16	4.5	6.7	12	T	T	0.8	T	T	T	T	T	
			20	3.8	5.3	10	T	T		T	20	T	T	T		
			25	3.8	5.7	9.8	T	T		T	13	T	T	T		
			32	3	4.4	7.1	16	22		T	11	15	T	22		
			30	8	5.6	8.6	T	T	T	1	T	T	T	T	T	
10	4.9	8.5		22	T	T	0.9	T	T	T	T	T				



Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA		
					Application	LineProtection		
					FrameSize	NH3	NH4	NH4a
					Characteristic	gG		
					Un[V]Fuses	690	500	
					Icu[kA]	120		
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	315 / 355 / 400 / 425 / 500	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250
5SY7	LineProtection	B	20	15	40	16	16	16
					50	15	15	15
					63	15	15	15
			25		13	16	16	16
					16	16	16	16
					20	16	16	16
					25	16	16	16
					32	16	16	16
					10	16	16	16
		C	20		6	16	16	16
					40	T	T	T
					50	T	T	T
			25		63	T	T	T
					13 / 16	T	T	T
					20	T	T	T
					25	T	T	T
					32	T	T	T
					8 / 10	T	T	T
		D	30		3	39	39	39
					4 / 6	39	39	39
					0.3 / 0.5 / 1 / 1.6 / 2	T	T	T
			15		50	T	T	T
					63	T	T	T
					40	T	T	T
					13	T	T	T
					16	T	T	T
					20	T	T	T
		25	25		T	T	T	
			32		T	T	T	
			8		T	T	T	
10	T		T	T				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH000												
					Characteristic	gG												
					Un[V]Fuses	400	400 / 500			400 / 500 / 690								
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	63	80	100	16	20	25	32	35	40	50	
5SY7	LineProtection	D	40	15	3	16	16	4.4	8.9	16	0.1	0.2	0.6	1.1	1.6	2.1	2.9	
					4	16	16	3.1	5.1	15	0.1	0.2	0.6	1	1.4	1.7	2.3	
		6	13		38	2.5	4.1	9.5	0.1	0.2	0.5	0.8	1.2	1.5	1.9			
		0.3 / 0.5 / 1 / 1.6 / 2	16		16	6.5	15	16	0.2	0.3	0.8	1.4	2.2	2.9	4.3			

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA													
					Application	LineProtection													
					FrameSize	NH00										NH00 / NH0	NH0		
					Characteristic	gG													
					Un[V]Fuses	400 / 500	400 / 500 / 690	500 / 690	690	500									
					Icu[kA]	120													
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	80	100	50	63	40	35	10	16	20	32	40	
5SY7	LineProtection	D	40	15	3	16	16	8.9	16	2.9	4.4	2.1	1.6	0.1	0.2	0.3	1.1	2.1	
					4	16	16	5.1	14	2.4	3.1	1.7	1.4	0.2	0.3	1	1.7		
		6	38		38	4.1	9.2	2	2.5	1.5	1.2	0.2	0.2	0.8	1.5				
		0.3 / 0.5 / 1 / 1.6 / 2	16		16	15	16	4.5	6.5	2.9	2.2	0.1	0.2	0.3	1.4	2.9			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA										
					Application	LineProtection										
					FrameSize	NH0					NH0 / NH1		NH1			
					Characteristic	gG										
					Un[V]Fuses	500						400 / 500				
					Icu[kA]	120										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	80	100	125	160	25	35	40	224	250
5SY7	LineProtection	D	40	15	3	2.8	3.8	8.6	16	16	16	0.6	1.5	1.8	16	16
					4	2.3	2.8	4.9	12	16	16	0.6	1.3	1.5	16	16
		6	1.9		2.3	4	8.6	38	38	0.5	1.1	1.2	38	38		
		0.3 / 0.5 / 1 / 1.6 / 2	4.3		5.5	15	16	16	16	0.8	2	2.4	16	16		
			50													

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA											
					Application	LineProtection											
					FrameSize	NH1					NH1 / NH2			NH2			
					Characteristic	gG											
					Un[V]Fuses	400 / 500 / 690				500	400 / 500 / 690			400 / 500			
					Icu[kA]	120											
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	100	125	160	16	20	80	200	50	63	300 / 315 / 355 / 400
5SY7	LineProtection	D	40	15	3	2.8	3.8	16	16	16	0.1	0.3	8.6	16	2.8	4	16
					4	2.3	2.8	12	16	16	0.1	0.2	4.9	16	2.3	2.9	16
		6	1.9		2.3	8.6	38	38	0.1	0.2	4	38	1.9	2.4	38		
		0.3 / 0.5 / 1 / 1.6 / 2	4.3		5.5	16	16	16	0.2	0.3	15	16	4.3	5.8	16		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA										
					Application	LineProtection										
					FrameSize	NH2					NH3					
					Characteristic	gG										
					Un[V]Fuses	400 / 500 / 690			500	690	500			500 / 690		
					Icu[kA]	120										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100	125	160	224	250	35	300 / 315	200	224	300 / 315 / 355 / 400 / 425 / 500 / 630	250
5SY7	LineProtection	D	40	15	3	16	16	16	16	16	1.6	16	16	16	16	16
					4	11	16	16	16	16	1.3	16	16	16	16	16
					6	8.3	38	38	38	38	1.1	38	38	38	38	38
		0.3 / 0.5 / 1 / 1.6 / 2	16		16	16	16	16	2.1	16	16	16	16	16	16	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA		
					Application	LineProtection		
					FrameSize	NH3	NH4	NH4a
					Characteristic	gG		
					Un[V]Fuses	690	500	
					Icu[kA]	120		
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	315 / 355 / 400 / 425 / 500	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250
5SY7	LineProtection	D	40	15	3	16	16	16
					4	16	16	16
					6	38	38	38
		0.3 / 0.5 / 1 / 1.6 / 2	16		16	16		
			50					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA															
				Application	LineProtection															
				FrameSize	NH000															
				Characteristic	gG															
				Un[V]Fuses	400			400 / 500			400 / 500 / 690									
				Icu[kA]	120															
Productline	Application	Characteristic	Icu[kA]	In[A]	125	160	63	80	100	16	20	25	32	35	40	50				
5SY8	LineProtection	C	25	40	5.2	8.9	1.6	2.4	4.2											
				50	5	8		2.2	4.1											
				63	4.5	7.1			3.6											
			30	13 / 16	7.3	16	2.2	3.4	6.2					0.4	0.7	1	1.2	1.7		
				20	5.9	10	1.7	2.7	4.9						0.5	0.8	1	1.3		
				25	5.9	10	1.7	2.7	4.9								1	1.3		
				32	5.8	10	1.7	2.6	4.7										1.3	
			40	8 / 10	11	33	2.5	4.1	7.7						0.5	0.8	1.1	1.3	1.8	
				3	39	39	5.9	17	39						0.7	1.3	2.1	2.8	4	
			50	4 / 6	39	39	3	4.7	13						0.5	0.9	1.3	1.7	2.3	
				0.3 / 0.5 / 1 / 1.6 / 2	T	T	10	T	T						0.8	1.8	2.9	3.9	5.8	
			D	20	50	3.5	5.8		1.5	3										
					63	3.3	5.4			2.7										
				25	40	3.5	5.5	1.1	1.7	3.1										
		13			7.6	18	1.9	3	5.6						0.6	0.9	1.1	1.5		
		30		16	5.9	12	1.8	2.8	4.8						0.5	0.8	1.1	1.4		
				20	4.8	10	1.6	2.4	4								1	1.2		
				25	5.1	9.8	1.5	2.3	4.2								1	1.2		
				32	4	7.1	1.2	1.8	3.3										1	
		40		8	7.7	34	2	3.2	6.1						0.4	0.7	1	1.2	1.6	
				10	7.1	22	1.9	3	5.3						0.3	0.6	0.9	1.1	1.5	
		50		3	16	16	4.4	8.9	16	0.1	0.2	0.6	1.1	1.6	2.1	2.9	1.7	2.3		
				4	16	16	3.1	5.1	15	0.1	0.2	0.6	1	1.4	1.7	2.3				
				6	13	38	2.5	4.1	9.5	0.1	0.2	0.5	0.8	1.2	1.5	1.9				
		70		0.3 / 0.5 / 1 / 1.6 / 2	16	16	6.5	15	16	0.2	0.3	0.8	1.4	2.2	2.9	4.3				



NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA															
				Application	LineProtection															
				FrameSize	NH00										NH00 / NH0	NH0				
				Characteristic	gG															
				Un[V]Fuses	400 / 500	400 / 500 / 690			500 / 690	690	500									
				Icu[kA]	120															
Productline	Application	Characteristic	Icu[kA]	In[A]	125	160	80	100	50	63	40	35	10	16	20	32	40			
5SY8	LineProtection	C	25	40	5.8	8.5	2.4	4.2		1.6										
				50	5.7	7.8	2.2	4												
				63	5	6.9		3.5												
			30	13 / 16	8.8	16	3.4	6.1	1.7	2.2	1.2	1						0.7	1.2	
				20	6.5	10	2.7	4.9	1.4	1.7	1	0.8						0.5	1	
				25	6.5	10	2.7	4.9	1.4	1.7	1								1	
			40	32	6.4	10	2.6	4.6	1.4	1.7										
				8 / 10	14	32	4.1	7.5	1.9	2.5	1.3	1.1						0.8	1.3	
			50	3	39	39	17	39	4.1	5.9	2.8	2.1						1.3	2.8	
				4 / 6	39	39	4.7	12	2.3	3	1.7	1.3						0.9	1.7	
			70	0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	6	10	3.9	2.9						1.8	3.9	
			D	20	50	3.9	5.7	1.5	2.9											
		63			3.6	5.3		2.7												
		25		40	3.9	5.4	1.7	3		1.1										
				13	9.1	17	3	5.5	1.5	1.9	1.1	0.9						0.6	1.1	
		30		16	6.9	11	2.8	4.8	1.4	1.8	1.1	0.8						0.5	1.1	
				20	5.4	10	2.4	4	1.3	1.6	1								1	
				25	5.8	9.6	2.3	4.1	1.2	1.5	1								1	
				32	4.5	7	1.8	3.2	1	1.2										
		40		8	8.8	33	3.2	5.9	1.6	2	1.2	1					0.1	0.7	1.2	
				10	8.8	22	3	5.2	1.5	1.9	1.1	0.9						0.6	1.1	
		50		3	16	16	8.9	16	2.9	4.4	2.1	1.6	0.1	0.2	0.3	1.1	2.1			
				4	16	16	5.1	14	2.4	3.1	1.7	1.4		0.2	0.3	1	1.7			
			6	38	38	4.1	9.2	2	2.5	1.5	1.2		0.2	0.2	0.8	1.5				
70	0.3 / 0.5 / 1 / 1.6 / 2	16	16	15	16	4.5	6.5	2.9	2.2	0.1	0.2	0.3	1.4	2.9						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA												
				Application	LineProtection												
				FrameSize	NH0					NH0 / NH1		NH1					
				Characteristic	gG												
				Un[V]Fuses	500						400 / 500						
				Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	In[A]	50	63	80	100	125	160	25	35	40	224	250		
5SY8	LineProtection	C	25	40		1.5	2.3	4	5.8	9				19	22		
				50			2.2	3.8	5.7	8				20	24		
				63				3.4	5	7.1				15	T		
			30	13 / 16	1.6	2	3.3	6	8.7	17	0.4	0.9	1	T	T		
				20	1.3	1.6	2.6	4.7	6.5	10		0.7	0.8	28	T		
				25	1.3	1.6	2.6	4.7	6.5	10			0.8	28	T		
				32	1.3	1.6	2.6	4.5	6.4	10				T	T		
			40	8 / 10	1.8	2.2	4	7.2	14	34	0.5	1	1.2	T	T		
				3	3.9	5	16	39	39	39	0.7	1.9	2.3	39	39		
			50	4 / 6	2.2	2.7	4.5	11	39	39	0.5	1.2	1.4	39	39		
				0.3 / 0.5 / 1 / 1.6 / 2	5.7	7.4	69	T	T	T	0.8	2.6	3.1	T	T		
			D	20	50			1.4	2.8	3.9	5.9					12	T
					63				2.5	3.6	5.5				11	14	
				25	40		1	1.7	3	3.8	5.5					12	21
		13			1.5	1.7	2.9	5.3	9.1	18		0.8	1	T	T		
		30		16	1.4	1.6	2.8	4.6	6.8	12		0.7	0.9	T	T		
				20	1.2	1.4	2.3	3.8	5.4	10			0.9	T	T		
				25	1.2	1.4	2.2	3.9	5.8	9.9			0.8	T	T		
				32	1	1.1	1.8	3.1	4.5	7.2				16	22		
		40		8	1.5	1.8	3.1	5.7	8.7	34	0.4	0.9	1	38	38		
				10	1.5	1.7	2.9	5	8.7	23	0.3	0.8	1	38	38		
		50		3	2.8	3.8	8.6	16	16	16	0.6	1.5	1.8	16	16		
				4	2.3	2.8	4.9	12	16	16	0.6	1.3	1.5	16	16		
				6	1.9	2.3	4	8.6	38	38	0.5	1.1	1.2	38	38		
		70		0.3 / 0.5 / 1 / 1.6 / 2	4.3	5.5	15	16	16	16	0.8	2	2.4	16	16		

NH-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA													
				Application	LineProtection													
				FrameSize	NH1						NH1 / NH2		NH2					
				Characteristic	gG													
				Un[V]Fuses	400 / 500 / 690						500	400 / 500 / 690		400 / 500				
				Icu[kA]	120													
Productline	Application	Characteristic	Icu[kA]	In[A]	50	63	100	125	160	16	20	80	200	50	63	300 / 315 / 355 / 400		
5SY8	LineProtection	C	25	40		1.5	4	5.8	9			2.3	15		1.5	T		
				50			3.8	5.7	8			2.2	16			T		
				63			3.4	5	7.1				12			T		
			30	13 / 16	1.6	2	6	8.7	17					3.3	T	1.6	2	T
				20	1.3	1.6	4.7	6.5	10					2.6	19	1.3	1.6	T
				25	1.3	1.6	4.7	6.5	10					2.6	19	1.3	1.6	T
			32	25	1.3	1.6	4.5	6.4	10					2.6	19	1.3	1.6	T
				32	1.3	1.6	4.5	6.4	10					2.6	19	1.3	1.6	T
				40	1.3	1.6	4.5	6.4	10					2.6	19	1.3	1.6	T
			40	8 / 10	1.8	2.2	7.2	14	34					4	T	1.8	2.3	T
				3	3.9	5	39	39	39					16	39	3.9	5.4	39
			4 / 6	2.2	2.7	11	39	39						4.5	39	2.2	2.9	39
		0.3 / 0.5 / 1 / 1.6 / 2		5.7	7.4	T	T	T					69	T	5.7	8.4	T	
		D	20	50			2.8	3.9	5.9					1.4	10			T
				63			2.5	3.6	5.5					10				T
			25	40		1	3	3.8	5.5					1.7	10		1.1	T
				13	1.5	1.7	5.3	9.1	18					2.9	T	1.5	1.8	T
				16	1.4	1.6	4.6	6.8	12					2.8	T	1.4	1.7	T
			30	20	1.2	1.4	3.8	5.4	10					2.3	24	1.2	1.5	T
				25	1.2	1.4	3.9	5.8	9.9					2.2	14	1.2	1.4	T
				32	1	1.1	3.1	4.5	7.2					1.8	12	1	1.2	T
			40	8	1.5	1.8	5.7	8.7	34					3.1	38	1.5	1.9	38
				10	1.5	1.7	5	8.7	23					2.9	38	1.5	1.8	38
			50	3	2.8	3.8	16	16	16	0.1	0.3	8.6	16	2.8	4	16		
4	2.3			2.8	12	16	16	0.1	0.2	4.9	16	2.3	2.9	16				
6	1.9			2.3	8.6	38	38	0.1	0.2	4	38	1.9	2.4	38				
70	0.3 / 0.5 / 1 / 1.6 / 2		4.3	5.5	16	16	16	0.2	0.3	15	16	4.3	5.8	16				

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA												
				Application	LineProtection												
				FrameSize	NH2						NH3						
				Characteristic	gG												
				Un[V]Fuses	400 / 500 / 690			500	690	500			500 / 690				
				Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	In[A]	100	125	160	224	250	35	300 / 315	200	224	300 / 315 / 355 / 400 / 425 / 500 / 630	250		
5SY8	LineProtection	C	25	40	3.9	5.7	8.9	19	22		T	14	18	T	23		
				50	3.7	5.6	8	20	24		T	14	20	T	T		
				63	3.3	4.9	7	15	T		T	11	14	T	T		
			30	13 / 16	5.8	8.4	16	T	T	0.9	T	T	T	T	T	T	T
				20	4.6	6.4	10	28	T	0.8	T	18	27	T	T	T	
				25	4.6	6.4	10	28	T		T	18	27	T	T	T	
			32	4.4	6.3	10	T	T		T	17	29	T	T	T		
				8 / 10	7	13	33	T	T	1.1	T	T	T	T	T	T	
			50	3	39	39	39	39	39	2	39	39	39	39	39	39	39
				4 / 6	10	39	39	39	39	1.3	39	39	39	39	39	39	
			70	0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	T	T	2.8	T	T	T	T	T	T	
			D	20	50	2.7	3.8	5.8	12	T		T	9.6	12	T	T	
		63			2.5	3.6	5.4	11	14		T	9.3	11	T	14		
		25		40	2.9	3.8	5.5	12	21		T	10	12	T	22		
				13	5.1	8.8	18	T	T	0.9	T	T	T	T	T		
		30		16	4.5	6.7	12	T	T	0.8	T	T	T	T	T		
				20	3.8	5.3	10	T	T		T	20	T	T	T		
				25	3.8	5.7	9.8	T	T		T	13	T	T	T		
		32		3	4.4	7.1	16	22		T	11	15	T	22			
				8	5.6	8.6	34	38	38	1	38	38	38	38	38		
		40		10	4.9	8.5	22	38	38	0.9	38	38	38	38	38		
				3	16	16	16	16	16	1.6	16	16	16	16	16		
		50		4	11	16	16	16	16	1.3	16	16	16	16	16		
			6	8.3	38	38	38	38	1.1	38	38	38	38	38			
70	0.3 / 0.5 / 1 / 1.6 / 2	16	16	16	16	16	2.1	16	16	16	16	16					

NH-fuse system as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline	3NA			
				Application	LineProtection			
				FrameSize	NH3	NH4	NH4a	
				Characteristic	gG			
				Un[V]Fuses	690	500		
				Icu[kA]	120			
Productline	Application	Characteristic	Icu[kA]	In[A]	315 / 355 / 400 / 425 / 500	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250	
5SY8	LineProtection	C	25	40	T	T	T	
				50	T	T	T	
				63	T	T	T	
			30	13 / 16	T	T	T	
				20	T	T	T	
				25	T	T	T	
				32	T	T	T	
			40	8 / 10	T	T	T	
				3	39	39	39	
			50	4 / 6	39	39	39	
				0.3 / 0.5 / 1 / 1.6 / 2	T	T	T	
			D	20	50	T	T	T
					63	T	T	T
				25	40	T	T	T
		13			T	T	T	
		30		16	T	T	T	
				20	T	T	T	
				25	T	T	T	
				32	T	T	T	
		40		8	38	38	38	
				10	38	38	38	
		50		3	16	16	16	
				4	16	16	16	
				6	38	38	38	
		70		0.3 / 0.5 / 1 / 1.6 / 2	16	16	16	

# in combination with residual current protective device as downstream devices

## 3VA1 - 5SU

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3NA															
						Application	LineProtection															
						FrameSize	NH000															
						Characteristic	gG															
						Un[V]Fuses	400		400 / 500			400 / 500 / 690										
						Icu[kA]	120															
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	63	80	100	16	20	25	32	35	40	50				
5SU1(RCBO)	FR/FN/FP	LineProtection	B/C	6	6	6	T	T	2	3.2	5.8				0.7	1	1.2	1.6				
						10	5.5	T	1.6	2.5	4.8				0.6	1	1.1	1.3				
						13	5.5	T	1.6	2.5	4.6				0.6	0.8	1	1.3				
						16	5.1	T	1.6	2.3	4				0.6	0.8	1	1.3				
						20	4.2	T	1.4	2.1	3.6				0.5	0.7	0.9	1.1				
						25	4.1	T	1.4	2.1	3.5						0.9	1.1				
				7.5	6	6	T	T	6.7	T	T							0.8	1.3	2.1	2.9	4.8
						10	T	T	4	T	T				0.6	0.9	1.3	1.8	2.7			
						13	T	T	3.5	6.7	T				0.5	0.9	1.3	1.7	2.5			
						16	T	T	2.8	5	T					0.8	1.1	1.3	1.9			
						20	T	T	2.2	4.1	T					0.7	1	1.2	1.7			
						25	T	T	2.2	3.8	T							1.2	1.5			
						32	T	T	2	3.4	6.8								1.5			
						15	10	6	T	T	6.7	13	T					0.8	1.3	2.1	2.9	4.8
	10	T	T	4	8			T				0.6	0.9	1.3	1.8	2.7						
	13	T	T	3.5	6.7			14				0.5	0.9	1.3	1.7	2.5						
	15/16	13	T	2.8	5			11					0.8	1.1	1.3	1.9						
	20	11	T	2.2	4.1			8.6					0.7	1	1.2	1.7						
	25	10	T	2.2	3.8			8.2							1.2	1.5						
	32	8.6	12	2	3.4			6.8								1.5						
	15	6	40	5.2	6	1.5	2.3	4.7											1.2			
			10	6	6	2.4	3.9	6	0.1	0.2	0.5	0.9	1.2	1.4	1.9							
			13	6	6	2.2	3.4	6		0.2	0.5	0.8	1.1	1.3	1.7							
			16	6	6	2	3.1	5.4		0.2	0.4	0.7	1	1.2	1.6							
			20	6	6	1.9	2.9	5.2				0.7	1	1.2	1.5							
			25	5.8	6	1.7	2.5	4.7				0.6	0.9	1.1	1.3							
			32	5.3	6	1.6	2.5	4.4						1.1	1.3							
			40	5.3	8.5	1.6	2.5	4.4						1.1	1.3							
10	6	32	5.3	8.5	1.6	2.5	4.4							1.1	1.3							
		40	6	8.6	1.5	2.3	4.7								1.2							

NH-fuse system as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2				Productline		3NA																	
				Application		LineProtection																	
				FrameSize		NH00						NH00 / NH0	NH0										
				Characteristic		gG																	
				Un[V]Fuses		400 / 500	400 / 500 / 690	500 / 690	690	500													
				Icu[kA]		120																	
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	80	100	50	63	40	35	16	20	32	40	50				
5SU1(RCBO)	FR/FN/FP	LineProtection	B/C	6	6	6	T	T	3.2	5.7	1.6	2	1.2	1			0.7	1.2	1.5				
						10	T	T	2.5	4.7	1.3	1.6	1.1	1			0.6	1.1	1.3				
						13	T	T	2.5	4.5	1.3	1.6	1	0.8			0.6	1	1.3				
						16	5.9	T	2.3	4	1.3	1.6	1	0.8			0.6	1	1.3				
						20	4.6	T	2.1	3.5	1.1	1.4	0.9	0.7			0.5	0.9	1.1				
						25	4.4	T	2.1	3.5	1.1	1.4	0.9					0.9	1.1				
				7.5	6	32	4.4	T	1.9	3.3	1.1	1.3											1
						6	T	T	T	T	5	6.7	2.9	2.1			1.3	2.9	4.8				
						10	T	T	T	T	2.8	4	1.8	1.3			0.9	1.8	2.6				
						13	T	T	6.7	T	2.6	3.5	1.7	1.3			0.9	1.7	2.5				
						16	T	T	5	T	2	2.8	1.3	1.1			0.8	1.3	1.9				
						20	T	T	4.1	T	1.7	2.2	1.2	1			0.7	1.2	1.6				
				15	10	25	T	T	3.8	T	1.6	2.2	1.2									1.2	1.5
						32	T	T	3.4	6.6	1.5	2											1.5
						6	T	T	13	T	5	6.7	2.9	2.1			1.3	2.9	4.8				
						10	T	T	8	T	2.8	4	1.8	1.3			0.9	1.8	2.6				
	13	T	T			6.7	14	2.6	3.5	1.7	1.3			0.9	1.7	2.5							
	15/16	T	T			5	10	2	2.8	1.3	1.1			0.8	1.3	1.9							
	B	15	6	20	12	T	4.1	8.4	1.7	2.2	1.2	1			0.7	1.2	1.6						
				25	12	T	3.8	8	1.6	2.2	1.2					1.2	1.5						
				32	9.9	12	3.4	6.6	1.5	2								1.5					
				40	6	6	2.3	4.6	1.3	1.5								1.2					
				10	6	6	3.9	6	1.9	2.4	1.2	1.2	0.2	0.3	0.9	1.4	1.8						
		10	6	13	6	6	3.4	5.9	1.8	2.2	1.1	1.1		0.2	0.8	1.3	1.7						
				16	6	6	3.1	5.3	1.6	2	1	1		0.2	0.7	1.2	1.6						
				20	6	6	2.9	5.1	1.5	1.9	1	1			0.7	1.2	1.5						
				25	6	6	2.5	4.6	1.4	1.7	0.9	0.9			0.6	1.1	1.3						
				32	5.8	6	2.5	4.4	1.3	1.6						1.1	1.3						
				32	5.8	8.3	2.5	4.4	1.3	1.6								1.1	1.3				
				40	6.5	8.5	2.3	4.6	1.3	1.5										1.2			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3NA											
						Application	LineProtection											
						FrameSize	NH0					NH0 / NH1		NH1				
						Characteristic	gG											
						Un[V]Fuses	500					400 / 500			400 / 500 / 690			
						Icu[kA]	120											
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	160	25	35	40	200 / 224 / 250	50	63	100
5SU1(RCBO)	FR/FN/FP	LineProtection	B/C	6	6	6	1.9	3.2	5.5	T	T		0.9	1	T	1.5	1.9	5.5
						10	1.5	2.4	4.6	T	T		0.9	1	T	1.3	1.5	4.6
						13	1.5	2.4	4.3	T	T		0.8	0.9	T	1.3	1.5	4.3
						16	1.5	2.3	3.8	5.9	T		0.8	0.9	T	1.3	1.5	3.8
						20	1.3	2.1	3.4	4.6	T		0.7	0.8	T	1.1	1.3	3.4
						25	1.3	2.1	3.4	4.4	T			0.8	T	1.1	1.3	3.4
				7.5	6	32	1.2	1.9	3.2	4.4	T				T	1	1.2	3.2
						6	5.9	T	T	T	T	0.8	1.9	2.3	T	4.8	5.9	T
						10	3.4	T	T	T	T	0.6	1.2	1.4	T	2.6	3.4	T
						13	3.1	6.4	T	T	T	0.5	1.2	1.4	T	2.5	3.1	T
						16	2.5	4.8	T	T	T		1	1.1	T	1.9	2.5	T
						20	2	3.9	T	T	T		0.9	1.1	T	1.6	2	T
				15	10	25	1.9	3.6	T	T	T			1	T	1.5	1.9	T
						32	1.8	3.3	6.3	T	T				T	1.5	1.8	6.3
	6	5.9	12			T	T	T	0.8	1.9	2.3	T	4.8	5.9	T			
	10	3.4	7.6			T	T	T	0.6	1.2	1.4	T	2.6	3.4	T			
	13	3.1	6.4			13	T	T	0.5	1.2	1.4	T	2.5	3.1	13			
	15/16	2.5	4.8			10	T	T		1	1.1	T	1.9	2.5	10			
	B	15	6	20	2	3.9	8	12	T			0.9	1.1	T	1.6	2	8	
				25	1.9	3.6	7.6	12	T			1	T	1.5	1.9	7.6		
				32	1.8	3.3	6.3	9.9	12				T	1.5	1.8	6.3		
				40	1.4	2.2	4.4	6	6					6	1.2	1.4	4.4	
				10	2.2	3.7	6	6	6	0.5	1.1	1.2	6	1.8	2.2	6		
				13	2	3.3	5.7	6	6	0.5	1	1.1	6	1.7	2	5.7		
				16	1.9	3	5.1	6	6	0.4	1	1.1	6	1.6	1.9	5.1		
		10	6	20	1.7	2.8	4.9	6	6			0.9	1	6	1.5	1.7	4.9	
				25	1.6	2.5	4.4	6	6			0.8	1	6	1.3	1.6	4.4	
				32	1.5	2.4	4.2	5.8	6			1	6	1.3	1.5	4.2		
32				1.5	2.4	4.2	5.8	8.5			1	10	1.3	1.5	4.2			
40				1.4	2.2	4.4	6.4	8.6					10	1.2	1.4	4.4		



NH-fuse system as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3NA										
						Application	LineProtection										
						FrameSize	NH1					NH1 / NH2		NH2			
						Characteristic	gG										
						Un[V]Fuses	400 / 500 / 690		500		690		400 / 500 / 690		400 / 500		
						Icu[kA]	120										
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	16	20	200	80	50	63	200 / 224 / 250 / 300 / 315 / 355 / 400		
5SU1(RCBO)	FR/FN/FP	LineProtection	B / C	6	6	6	T	T			T	3.2	1.5	1.9	T		
						10	T	T			T	2.4	1.3	1.5	T		
						13	T	T			T	2.4	1.3	1.5	T		
						16	5.9	T			T	2.3	1.3	1.5	T		
						20	4.6	T			T	2.1	1.1	1.3	T		
						25	4.4	T			T	2.1	1.1	1.3	T		
				7.5	6	32	4.4	T			T	1.9	1	1.3	T		
						6	T	T			T	T	4.8	6.2	T		
						10	T	T			T	T	2.6	3.7	T		
						13	T	T			T	6.4	2.5	3.3	T		
						16	T	T			T	4.8	1.9	2.6	T		
						20	T	T			T	3.9	1.6	2.1	T		
				15	10	25	T	T			T	3.6	1.5	2	T		
						32	T	T			T	3.3	1.5	1.9	T		
						6	T	T			T	12	4.8	6.2	T		
						10	T	T			T	7.6	2.6	3.7	T		
	13	T	T					T	6.4	2.5	3.3	T					
	15 / 16	T	T					T	4.8	1.9	2.6	T					
	B	-	LineProtection	B	15	6	20	12	T			T	3.9	1.6	2.1	T	
							25	12	T			T	3.6	1.5	2	T	
							32	9.9	12			T	3.3	1.5	1.9	T	
							40	6	6			6	2.2	1.2	1.5	6	
							10	6	6	0.1	0.2	6	3.7	1.8	2.3	6	
					10	6	13	6	6			6	3.3	1.7	2.1	6	
							16	6	6		0.2	6	3	1.6	1.9	6	
							20	6	6			6	2.8	1.5	1.8	6	
							25	6	6			6	2.5	1.3	1.6	6	
							32	5.8	6			6	2.4	1.3	1.6	6	
	10	6	32	5.8	8.5			10	2.4	1.3	1.6	10					
			40	6.4	8.6			10	2.2	1.2	1.5	10					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3NA							
						Application	LineProtection							
						FrameSize	NH2				NH3			
						Characteristic	gG							
						Un[V]Fuses	400 / 500 / 690		500	690	500		690	
						Icu[kA]	120							
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100	125	160	35	200 / 224 / 250 / 300 / 315	200 / 224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	250 / 315 / 355 / 400 / 425 / 500	
5SU1(RCBO)	FR/FN/FP	LineProtection	B/C	6	6	6	5.4	T	T	1	T	T	T	
						10	4.5	T	T	1	T	T	T	
						13	4.2	T	T	0.8	T	T	T	
						16	3.7	5.8	T	0.8	T	T	T	
						20	3.4	4.6	T	0.7	T	T	T	
						25	3.4	4.4	T		T	T	T	
				7.5	6	32	3.1	4.3	T		T	T	T	
						6	T	T	T	2.1	T	T	T	
						10	T	T	T	1.3	T	T	T	
						13	T	T	T	1.2	T	T	T	
						16	T	T	T	1.1	T	T	T	
						20	T	T	T	1	T	T	T	
						25	7.3	T	T		T	T	T	
						32	6.2	T	T		T	T	T	
	15	10	6	T	T	T	2.1	T	T	T				
			10	T	T	T	1.3	T	T	T				
			13	13	T	T	1.2	T	T	T				
			15/16	10	14	T	1.1	T	T	T				
			20	7.7	12	T	1	T	T	T				
			25	7.3	12	T		T	T	T				
			32	6.2	9.7	12		T	T	T				
			15	6	10	40	4.2	6	6		6	6	6	
	10	6			6	6	1.2	6	6	6	6			
	13	5.5			6	6	1.1	6	6	6	6			
	16	5			6	6	1	6	6	6	6			
	20	4.8			6	6	1	6	6	6	6			
	25	4.3			6	6	0.9	6	6	6	6			
	10	6		32	4.1	5.7	6		6	6	6	6		
32				4.1	5.7	8.4		10	10	10	10			
40				4.2	6.4	8.6		10	10	10	10			
40				4.2	6.4	8.6		10	10	10	10			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3NA	
						Application	LineProtection	
						FrameSize	NH4	NH4a
						Characteristic	gG	
						Un[V]Fuses	500	
						Icu[kA]	120	
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250
5SU1(RCBO)	FR/FN/FP	LineProtection	B/C	6	6	6	T	T
						10	T	T
						13	T	T
						16	T	T
						20	T	T
						25	T	T
				7.5	6	6	T	T
						10	T	T
						13	T	T
						16	T	T
						20	T	T
						25	T	T
			15	10	10	6	T	T
						10	T	T
						13	T	T
						15/ 16	T	T
						20	T	T
						25	T	T
				6	6	40	6	6
						10	6	6
						13	6	6
						16	6	6
						20	6	6
						25	6	6
	10	6	6	32	6	6		
				32	10	10		
				40	10	10		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3NA												
						Application	LineProtection												
						FrameSize	NH000												
						Characteristic	gG												
						Un[V]Fuses	400			400 / 500			400 / 500 / 690						
						Icu[kA]	120												
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	63	80	100	16	20	25	32	35	40	50	
5SU1(RCBO)	-	LineProtection	B	20	10	10	10	10	2.4	3.9	8.3	0.1	0.2	0.5	0.9	1.2	1.4	1.9	
						13	7.7	10	2.2	3.4	6		0.2	0.5	0.8	1.1	1.3	1.7	
						16	6.8	10	2	3.1	5.4		0.2	0.4	0.7	1	1.2	1.6	
						20	6.4	10	1.9	2.9	5.2				0.7	1	1.2	1.5	
						25	5.8	9.9	1.7	2.5	4.7				0.6	0.9	1.1	1.3	
				25	6	6	6	6	3.9	6	6	0.1	0.2	0.6	1	1.5	2	2.7	
						10	10	10	3.9	7.1	10	0.1	0.2	0.6	1	1.5	2	2.7	
						40	4.8	6	1.5	2.2	3.9							1.2	
						8	6	6	2.2	3.5	6	0.1	0.2	0.5	0.8	1.1	1.3	1.7	
						10	6	6	2.2	3.4	6		0.2	0.4	0.7	1.1	1.3	1.7	
				C	15	4.5/6	13	5.9	6	1.8	2.8	4.8		0.2	0.4	0.6	1	1.1	1.4
							16	6	6	1.9	3	5.2		0.2	0.4	0.7	1	1.2	1.5
							20	5.1	6	1.6	2.5	4.3				0.6	0.9	1	1.3
							25	5.6	6	1.6	2.5	4.5				0.6	0.9	1.1	1.3
			32				5.2	6	1.7	2.5	4.2						1.1	1.4	
			32				5.2	9.9	1.7	2.5	4.2						1.1	1.4	
			40				4.8	8.6	1.5	2.2	3.9							1.2	
			20		10	8	9.8	10	2.2	3.5	7	0.1	0.2	0.5	0.8	1.1	1.3	1.7	
						10	8.7	10	2.2	3.4	6.6		0.2	0.4	0.7	1.1	1.3	1.7	
						13	5.9	10	1.8	2.8	4.8		0.2	0.4	0.6	1	1.1	1.4	
						16	6.6	10	1.9	3	5.2		0.2	0.4	0.7	1	1.2	1.5	
						20	5.1	10	1.6	2.5	4.3				0.6	0.9	1	1.3	
						25	5.6	10	1.6	2.5	4.5				0.6	0.9	1.1	1.3	
						25	6	6	2.6	4.1	6	0.1	0.2	0.5	0.9	1.2	1.5	2	
			10	10	10	2.6	4.1	9.3	0.1	0.2	0.5	0.9	1.2	1.5	2				

NH-fuse system as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3NA															
						Application		LineProtection															
						FrameSize				NH00				NH00 / NH0	NH0								
						Characteristic		gG															
						Un[V]Fuses		400 / 500		400 / 500 / 690		500 / 690		690		500							
						Icu[kA]		120															
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	80	100	50	63	40	35	16	20	32	40	50				
5SU1(RCBO)	-	LineProtection	B	20	10	10	10	10	3.9	8.1	1.9	2.4	1.2	1.2	0.2	0.3	0.9	1.4	1.8				
						13	8.8	10	3.4	5.9	1.8	2.2	1.1	1.1		0.2	0.8	1.3	1.7				
						16	8	10	3.1	5.3	1.6	2	1	1		0.2	0.7	1.2	1.6				
						20	7.1	9.9	2.9	5.1	1.5	1.9	1	1			0.7	1.2	1.5				
						25	6.5	9.6	2.5	4.6	1.4	1.7	0.9	0.9			0.6	1.1	1.3				
				35	25	6	6	6	2.8	3.9	1.5	1.5	0.2	0.3	1	2	2.7						
				10	10	7.1	10	2.8	3.9	1.5	1.5	0.2	0.3	1	2	2.7							
				C	15	4.5/6	40	5.4	6	2.2	3.8	1.2	1.5										1.2
							8	6	6	3.5	6	1.8	2.2	1.1	1.1	0.2	0.3	0.8	1.3	1.7			
							10	6	6	3.4	6	1.7	2.2	1.1	1.1		0.2	0.7	1.3	1.7			
							13	6	6	2.8	4.8	1.5	1.8	1	1		0.2	0.6	1.1	1.4			
							16	6	6	3	5.2	1.5	1.9	1	1		0.2	0.7	1.2	1.5			
							20	5.8	6	2.5	4.2	1.3	1.6	0.9	0.9			0.6	1	1.3			
							25	6	6	2.5	4.4	1.3	1.6	0.9	0.9			0.6	1.1	1.3			
			20		10	32	6	6	2.5	4.1	1.4	1.7									1.1	1.4	
						32	6	9.6	2.5	4.1	1.4	1.7										1.1	1.4
						40	5.4	8.4	2.2	3.8	1.2	1.5											1.2
						8	10	10	3.5	6.8	1.8	2.2	1.1	1.1	0.2	0.3	0.8	1.3	1.7				
						10	10	10	3.4	6.4	1.7	2.2	1.1	1.1		0.2	0.7	1.3	1.7				
						13	6.8	10	2.8	4.8	1.5	1.8	1	1		0.2	0.6	1.1	1.4				
						16	7.7	10	3	5.2	1.5	1.9	1	1		0.2	0.7	1.2	1.5				
			25	10	20	5.8	9.9	2.5	4.2	1.3	1.6	0.9	0.9			0.6	1	1.3					
					25	6.3	9.9	2.5	4.4	1.3	1.6	0.9	0.9			0.6	1.1	1.3					
					6	6	6	4.1	6	2	2.6	1.2	1.2	0.2	0.2	0.9	1.5	2					
						10	10	4.1	9	2	2.6	1.2	1.2	0.2	0.2	0.9	1.5	2					

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3NA											
						Application	LineProtection											
						FrameSize	NH0					NH0 / NH1		NH1				
						Characteristic	gG											
						Un[V]Fuses	500					400 / 500			400 / 500 / 690			
						Icu[kA]	120											
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	63	80	100	125	160	25	35	40	200 / 224 / 250	50	63	100
5SU1(RCBO)	-	LineProtection	B	20	10	10	2.2	3.7	7.6	10	10	0.5	1.1	1.2	10	1.8	2.2	7.6
						13	2	3.3	5.7	8.8	10	0.5	1	1.1	10	1.7	2	5.7
						16	1.9	3	5.1	7.9	10	0.4	1	1.1	10	1.6	1.9	5.1
						20	1.7	2.8	4.9	7.1	10		0.9	1	10	1.5	1.7	4.9
						25	1.6	2.5	4.4	6.5	9.9		0.8	1	10	1.3	1.6	4.4
				25	6	6	3.4	6	6	6	0.6	1.4	1.6	6	2.7	3.4	6	
						6	3.4	6.9	10	10	10	0.6	1.4	1.6	10	2.7	3.4	10
						10	1.3	2.1	3.7	5.3	6				6	1.2	1.3	3.7
						8	2	3.4	6	6	6	0.5	1	1.2	6	1.7	2	6
						10	2	3.3	6	6	6	0.4	1	1.1	6	1.7	2	6
			C	15	4.5/6	13	1.7	2.7	4.6	6	6	0.4	0.9	1	6	1.4	1.7	4.6
						16	1.8	2.9	5	6	6	0.4	0.9	1	6	1.5	1.8	5
						20	1.5	2.4	4	5.7	6		0.8	0.9	6	1.3	1.5	4
						25	1.5	2.4	4.3	6	6		0.8	0.9	6	1.3	1.5	4.3
						32	1.6	2.4	3.9	5.9	6			0.9	6	1.4	1.6	3.9
						32	1.6	2.4	3.9	5.9	9.9				10	1.4	1.6	3.9
						40	1.3	2.1	3.7	5.3	8.6				10	1.2	1.3	3.7
				20	10	8	2	3.4	6.3	10	10	0.5	1	1	10	1.7	2	6.3
						10	2	3.3	6.1	10	10	0.4	1	1	10	1.7	2	6.1
						13	1.7	2.7	4.6	6.7	10	0.4	0.9	0.9	10	1.4	1.7	4.6
						16	1.8	2.9	5	7.7	10	0.4	0.9	9	10	1.5	1.8	5
						20	1.5	2.4	4	5.7	10		0.8	0.8	10	1.3	1.5	4
						25	1.5	2.4	4.3	6.3	10		0.8	0.8	10	1.3	1.5	4.3
			25	10	4.5/6	6	2.4	3.9	6	6	0.5	1.2	1.3	6	2	2.4	6	
						6	2.4	3.9	8.4	10	10	0.5	1.2	1.3	10	2	2.4	8.4

NH-fuse system as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3NA										
						Application	LineProtection										
						FrameSize	NH1					NH1 / NH2		NH2			
						Characteristic	gG										
						Un[V]Fuses	400 / 500 / 690		500		690		400 / 500 / 690		400 / 500		
						Icu[kA]	120										
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	16	20	200	80	50	63	200 / 224 / 250 / 300 / 315 / 355 / 400		
5SU1(RCBO)	-	LineProtection	B	20	10	10	10	10	0.1	0.2	10	3.7	1.8	2.3	10		
						13	8.8	10		0.2	10	3.3	1.7	2.1	10		
						16	7.9	10		0.2	10	3	1.6	1.9	10		
						20	7.1	10			10	2.8	1.5	1.8	10		
						25	6.5	9.9			10	2.5	1.3	1.6	10		
				25	6	6	6	6	0.1	0.2	6	6	2.7	3.6	6		
						6	10	10	0.1	0.2	10	6.9	2.7	3.6	10		
						15	4.5/6	10	5.3	6			6	2.1	1.2	1.4	6
								8	6	6	0.1	0.2	6	3.4	1.7	2.1	6
								10	6	6		0.2	6	3.3	1.7	2.1	6
				20	10	13	6	6			6	2.7	1.4	1.7	6		
						16	6	6		0.2	6	2.9	1.5	1.8	6		
						20	5.7	6			6	2.4	1.4	1.6	6		
						25	6	6			6	2.4	1.3	1.6	6		
						32	5.9	6			6	2.4	1.4	1.7	6		
			25			6	32	5.9	9.9			10	2.4	1.4	1.7	10	
							40	5.3	8.6			10	2.1	1.2	1.4	10	
							8	10	10	0.1	0.2	10	3.4	1.7	2.1	10	
							10	10	10		0.2	10	3.3	1.7	2.1	10	
							13	6.7	10			10	2.7	1.4	1.7	10	
			25	6	16	7.7	10		0.2	10	2.9	1.5	1.8	10			
					20	5.7	10			10	2.4	1.3	1.6	10			
					25	6.3	10			10	2.4	1.3	1.6	10			
					35	4.5/6	6	6	6	0.1	0.2	6	3.9	2	2.4	6	
							6	10	10	0.1	0.2	10	3.9	2	2.4	10	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline	3NA						
						Application	LineProtection						
						FrameSize	NH2				NH3		
						Characteristic	gG						
						Un[V]Fuses	400 / 500 / 690		500	690	500		690
						Icu[kA]	120						
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100	125	160	35	200 / 224 / 250 / 300 / 315	200 / 224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	250 / 315 / 355 / 400 / 425 / 500
5SU1(RCBO)	-	LineProtection	B	20	10	10	7.3	10	10	1.2	10	10	10
						13	5.5	8.6	10	1.1	10	10	10
						16	5	7.8	10	1	10	10	10
						20	4.8	7	10	1	10	10	10
						25	4.3	6.4	9.8	0.9	10	10	10
				25	6	6	6	6	1.5	6	6	6	
						10	10	10	1.5	10	10	10	
						10	3.6	5.2	6		6	6	6
						8	6	6	6	1.1	6	6	6
						10	5.9	6	6	1	6	6	6
			C	15	4.5/6	13	4.5	6	6	0.9	6	6	6
						16	4.8	6	6	1	6	6	6
						20	4	5.6	6	0.8	6	6	6
						25	4.2	6	6	0.8	6	6	6
						32	3.8	5.8	6		6	6	6
				20	10	32	3.8	5.8	9.9		10	10	10
						40	3.6	5.2	8.6		10	10	10
						8	6.1	10	10	1.1	10	10	10
						10	5.9	9.9	10	1	10	10	10
						13	4.5	6.6	10	0.9	10	10	10
			25	4.5/6	16	4.8	7.5	10	1	10	10	10	
					20	4	5.6	10	0.8	10	10	10	
					25	4.2	6.2	10	0.8	10	10	10	
					6	6	6	6	1.2	6	6	6	
					8.1	10	10	1.2	10	10	10		



Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2						Productline		3NA		
						Application		LineProtection		
						FrameSize		NH4	NH4a	
						Characteristic		gG		
						Un[V]Fuses		500		
						Icu[kA]		120		
Productline	Suffix	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250		
5SU1(RCBO)	-	LineProtection	B	20	10	10	10	10		
						13	10	10		
						16	10	10		
						20	10	10		
						25	10	10		
				25	6	6	6	6		
						6	10	10		
						10	6	6		
						10	6	6		
						10	6	6		
				C	15	4.5/6	10	40	6	6
							8	6	6	
							10	6	6	
							13	6	6	
							16	6	6	
			20				6	6		
			25				6	6		
			20		10	32	6	6		
						32	10	10		
						40	10	10		
						8	10	10		
						10	10	10		
						13	10	10		
						16	10	10		
						20	10	10		
			25	4.5/6	6	6	6			
					10	10	10			

3VA1 - 5SV

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH000										NH000 / NH1	NH00	
					Characteristic	gG												
					Un[V]Fuses	400	400 / 500			400 / 500 / 690					400 / 500			
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	125	160	63	80	100	25	32	35	40	50	125	160	
5SV9(RCBO,1+N)	LineProtection	B	6	6	6	T	T	4.6	T	T	0.6	0.9	1.6	2.2	3	T	T	
					10	T	T	2.9	5.2	T	0.5	0.7	1.1	1.5	2.1	T	T	
					16	T	T	2.5	4.2	T	0.4	0.7	0.9	1.3	1.8	T	T	
					20	T	T	2.2	3.7	T		0.6	0.9	1.2	1.6	T	T	
					25	T	T	2	3.2	5.6				1.1	1.5	T	T	
					32	T	T	1.9	3	5.2					1.4	T	T	
		40	T	T	1.9	2.9	5.1						T	T				
		C	4.5	4.5	6	T	T	2.3	3.9	T			0.5	1.1	1.5	1.8	T	T
					10	T	T	1.8	2.9	T			0.5	1	1.1	1.4	T	T
					16	T	T	1.8	2.8	T			0.5	0.7	0.8	1.3	T	T
					20	T	T	1.8	2.8	T			0.5	0.6	0.8	1.2	T	T
					25	T	T	1.3	2.2	4.1					0.7	1.1	T	T
	32				T	T	1.2	2	4						1	T	T	
	6	6	6	T	T	2.3	3.9	T			0.5	1.1	1.5	1.8	T	T		
			10	T	T	1.8	2.9	T			0.5	1	1.1	1.4	T	T		
			16	T	T	1.8	2.8	5			0.5	0.7	0.8	1.3	T	T		
			20	5.3	T	1.8	2.8	4.5			0.5	0.6	0.8	1.2	5.8	T		
			25	5.2	T	1.3	2.2	4.1					0.7	1.1	5.7	T		
32			5	T	1.2	2	4						1	5.7	T			

NH-fuse system as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA												
					Application	LineProtection												
					FrameSize	NH00				NH00 / NH0	NH0							
					Characteristic	gG												
					Un[V]Fuses	400 / 500 / 690	500 / 690		690	500								
					Icu[kA]	120												
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	50	63	40	35	32	40	50	63	80	100	125
5SV9(RCBO, 1+N)	LineProtection	B	6	6	6	T	T	3.2	4.6	1.8	1.6	0.9	2.2	3	4	T	T	T
					10	5.2	T	2.1	2.9	1.2	1.1	0.7	1.5	2.1	2.6	5.1	T	T
					16	4.2	T	1.9	2.5	1	0.9	0.7	1.3	1.8	2.2	4	T	T
					20	3.7	T	1.7	2.2	1	0.9	0.6	1.2	1.6	2	3.6	T	T
					25	3.2	5.5	1.5	2	0.9			1.1	1.5	1.8	3.1	5.3	T
					32	3	5.1	1.5	1.9					1.4	1.7	2.9	4.9	T
		40	2.9	5		1.9						1.7	2.8	4.8	T			
		C	4.5	4.5	6	3.9	T	1.9	2.3	1.2	1.1	0.5	1.5	1.8	2.1	3.8	T	T
					10	2.9	T	1.4	1.8	1	1	0.5	1.1	1.4	1.6	2.8	T	T
					16	2.8	T	1.4	1.8	0.7	0.7	0.5	0.8	1.3	1.6	2.8	T	T
					20	2.8	T	1.3	1.8	0.7	0.6	0.5	0.8	1.2	1.6	2.7	4.4	T
					25	2.2	4.1	1.1	1.3	0.6			0.7	1.1	1.2	2.2	3.9	T
	32				2	4	1.1	1.2					1	1.1	2	3.8	T	
	6	6	6	3.9	T	1.9	2.3	1.2	1.1	0.5	1.5	1.8	2.1	3.8	T	T		
			10	2.9	T	1.4	1.8	1	1	0.5	1.1	1.4	1.6	2.8	T	T		
			16	2.8	4.9	1.4	1.8	0.7	0.7	0.5	0.8	1.3	1.6	2.8	4.8	T		
			20	2.8	4.5	1.3	1.8	0.7	0.6	0.5	0.8	1.2	1.6	2.7	4.4	5.8		
			25	2.2	4.1	1.1	1.3	0.6			0.7	1.1	1.2	2.2	3.9	5.7		
32			2	4	1.1	1.2					1	1.1	2	3.8	5.7			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA									
					Application	LineProtection									
					FrameSize	NH0	NH0 / NH1	NH1						NH1 / NH2	
					Characteristic	gG									
					Un[V]Fuses	500		400 / 500			400 / 500 / 690		690	400 / 500 / 690	
					Icu[kA]	120									
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	160	25	35	40	160 / 200 / 224 / 250	63	100	160 / 200	80	125
5SV9(RCBO, 1+N)	LineProtection	B	6	6	6	T	0.6	1.5	1.8	T	4	T	T	T	T
					10	T	0.5	1	1.2	T	2.6	T	T	5.1	T
					16	T	0.4	0.9	1	T	2.2	T	T	4	T
					20	T		0.8	1	T	2	T	T	3.6	T
					25	T			0.9	T	1.8	5.3	T	3.1	T
					32	T				T	1.7	4.9	T	2.9	T
		C	4.5	4.5	6	T		1	1.2	T	2.1	T	T	3.8	T
					10	T		0.9	1	T	1.6	T	T	2.8	T
					16	T		0.6	0.7	T	1.6	T	T	2.8	T
					20	T		0.6	0.7	T	1.6	4.4	T	2.7	T
					25	T			0.6	T	1.2	3.9	T	2.2	T
					32	T				T	1.1	3.8	T	2.1	T
	6	6	6	T		1	1.2	T	2.1	T	T	3.8	T		
			10	T		0.9	1	T	1.6	T	T	2.8	T		
			16	T		0.6	0.7	T	1.6	4.8	T	2.8	T		
			20	T		0.6	0.7	T	1.6	4.4	T	2.7	5.8		
			25	T			0.6	T	1.2	3.9	T	2.2	5.7		
			32	T				T	1.1	3.8	T	2.1	5.7		

NH-fuse system as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA						
					Application	LineProtection						
					FrameSize	NH2						
					Characteristic	gG						
					Un[V]Fuses	400 / 500			400 / 500 / 690	500	690	
					Icu[kA]	120						
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63	160 / 200 / 224 / 250 / 300 / 315 / 355 / 400	100	35	160 / 200 / 224 / 250 / 300 / 315	
5SV9(RCBO, 1+N)	LineProtection	B	6	6	6	3	4	T	T	1.6	T	
					10	2.1	2.6	T	T	1.1	T	
					16	1.8	2.2	T	T	0.9	T	
					20	1.6	2	T	T	0.9	T	
					25	1.5	1.8	T	5.2		T	
					32	1.4	1.7	T	4.8		T	
		40		1.7	T	4.7		T				
		C	4.5	4.5	6	1.8	2.1	T	T	1.1	T	
					10	1.4	1.6	T	T	1	T	
					16	1.3	1.6	T	T	0.6	T	
					20	1.2	1.6	T	4.3	0.6	T	
					25	1.1	1.2	T	3.9		T	
	32				1	1.1	T	3.8		T		
	6	6	6	1.8	2.1	T	T	1.1	T			
			10	1.4	1.6	T	T	1	T			
			16	1.3	1.6	T	4.6	0.6	T			
			20	1.2	1.6	T	4.3	0.6	T			
			25	1.1	1.2	T	3.9		T			
			32	1	1.1	T	3.8		T			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	3NA			
					Application	LineProtection			
					FrameSize	NH3		NH4	NH4a
					Characteristic	gG			
					Un[V]Fuses	500		690	500
					Icu[kA]	120			
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	200 / 224 / 250 / 300 / 315 / 355 / 400 / 425 / 500 / 630	250 / 315 / 355 / 400 / 425 / 500	630 / 800 / 1000 / 1250	500 / 630 / 800 / 1000 / 1250
5SV9(RCBO, 1+N)	LineProtection	B	6	6	6	T	T	T	T
					10	T	T	T	T
					16	T	T	T	T
					20	T	T	T	T
					25	T	T	T	T
					32	T	T	T	T
		C	4.5	4.5	6	T	T	T	T
					10	T	T	T	T
					16	T	T	T	T
					20	T	T	T	T
					25	T	T	T	T
					32	T	T	T	T
	6	6	6	T	T	T	T		
			10	T	T	T	T		
			16	T	T	T	T		
			20	T	T	T	T		
			25	T	T	T	T		
			32	T	T	T	T		

## DIAZED-fuse system as upstream device

in combination with miniature circuit breaker as downstream devices

5SA2 - 5SY

5SB2 - 5SY

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SB2(Diazed)			
					Application	LineProtection			
					FrameSize	DII			
					Characteristic	gG			
					Icu[kA]	50			
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	
5SY4	LineProtection	A/B	20	10	10		0.4	0.7	
					13			0.7	
			35		6	0.3	0.4	0.8	
					8			0.6	
			C		20	10			0.5
						0.3 / 0.5 / 1 / 1.6 / 2	0.3	0.5	1.5
		35			3	0.3	0.4	1.1	
					4	0.3	0.4	0.9	
					6		0.4	0.8	
					0.3 / 0.5 / 1 / 1.6 / 2	0.3	0.4	1	
		D	35		3	0.3	0.4	0.9	
					4		0.4	0.8	
			50		35	6			0.7
						10			

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SB2(Diazed)		
					Application	LineProtection		
					FrameSize	DII		
					Characteristic	gG		
					Icu[kA]	50		
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25
5SY6	LineProtection	B	15	6	10		0.4	0.7
					13			0.7
			6		0.3	0.4	0.8	
			8				0.6	
			10				0.5	
			0.3 / 0.5 / 1 / 1.6 / 2		0.3	0.5	1.5	
		C	15		3	0.3	0.4	1.1
					4	0.3	0.4	0.9
			6			0.4	0.8	
			0.3 / 0.5 / 1 / 1.6 / 2		0.3	0.4	1	
			3		0.3	0.4	0.9	
			4			0.4	0.8	
		D	30		6			0.7



DIAZED-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SB2(Diazed)		
					Application	LineProtection		
					FrameSize	DII		
					Characteristic	gG		
					Icu[kA]	50		
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25
5SY7	LineProtection	B	25	15	13			0.7
			30		10		0.4	0.7
			40		6	0.3	0.4	0.8
		C	30		8			0.6
			30		10			0.5
			40		3	0.3	0.4	1.1
			40		4	0.3	0.4	0.9
			6			0.4	0.8	
			0.3 / 0.5 / 1 / 1.6 / 2		0.3	0.5	1.5	
			D		40	3	0.3	0.4
		40			4		0.4	0.8
		6					0.7	
		50			0.3 / 0.5 / 1 / 1.6 / 2	0.3	0.4	1

**5SB4 - 5SY**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SB4(Diazed)		
					Application	LineProtection		
					FrameSize	DIII		
					Characteristic	gG		
					Icu[kA]	50		
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	35	50	63
5SY4	LineProtection	A/B	15	10	40			1.6
					10 / 13	1.2	2.5	3.5
			16		1	2	2.8	
			20		1	2	2.6	
			25 / 32			1.7	2.2	
			35		1.4	3.2	4.5	
		C	20		8	1.2	2.2	3.5
					10	1.2	2	3
					13	1	1.6	2.4
					16	1	1.5	2.2
					20		1.3	2.2
					25			2.2
			35		0.3 / 0.5 / 1 / 1.6 / 2	2	9	10
					3	1.6	5	6
					4	1.4	3.5	5
					6	1.4	2.7	4.5
					8	0.9	2.1	2.5
					10		2.1	2.5
		D	20		13			2.5
					16			2.2
					0.3 / 0.5 / 1 / 1.6 / 2	1.8	5	7
					3	1.5	4	5
			35		4	1.2	3	3.8
					6	1.1	2.5	3.1

DIAZED-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SB4(Diazed)		
					Application	LineProtection		
					FrameSize	DIII		
					Characteristic	gG		
					Icu[kA]	50		
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	35	50	63
5SY6	LineProtection	B	10	6	40			1.6
					10 / 13	1.2	2.5	3.5
			16		1	2	2.8	
			15		20	1	2	2.6
					25 / 32		1.7	2.2
			30		6	1.4	3.2	4.5
		C	15		8	1.2	2.2	3.5
					10	1.2	2	3
					13	1	1.6	2.4
					16	1	1.5	2.2
					20		1.3	2.2
					25			2.2
			30		0.3 / 0.5 / 1 / 1.6 / 2	2	6	6
					3	1.6	5	6
					4	1.4	3.5	5
					6	1.4	2.7	4.5
					8	0.9	2.1	2.5
					10		2.1	2.5
		D	15		13		2.5	
					16		2.2	
					0.3 / 0.5 / 1 / 1.6 / 2	1.8	5	6
					3	1.5	4	5
					4	1.2	3	3.8
			30		6	1.1	2.5	3.1

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SB4(Diazed)			
					Application	LineProtection			
					FrameSize	DIII			
					Characteristic	gG			
					Icu[kA]	50			
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	35	50	63	
5SY7	LineProtection	B	20	15	40			1.6	
					13	1.2	2.5	3.5	
			16		1	2	2.8		
			25		20	1	2	2.6	
					25 / 32		1.7	2.2	
			30		10	1.2	2.5	3.5	
		6			1.4	3.2	4.5		
		C	40		13	1	1.6	2.4	
					16	1	1.5	2.2	
			25		20		1.3	2.2	
					25			2.2	
			30		8	1.2	2.2	3.5	
					10	1.2	2	3	
			40		3	1.6	5	6	
					4	1.4	3.5	5	
			50		6	1.4	2.7	4.5	
					0.3 / 0.5 / 1 / 1.6 / 2	2	9	10	
			D		25	13			2.5
						16			2.2
		30			8	0.9	2.1	2.5	
					10		2.1	2.5	
		40			3	1.5	4	5	
					4	1.2	3	3.8	
		50			6	1.1	2.5	3.1	
					0.3 / 0.5 / 1 / 1.6 / 2	1.8	5	7	

**5SC2 - 5SP**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SC2(Diazed)
					Application	LineProtection
					FrameSize	DIV
					Characteristic	gG
					Icu[kA]	50
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	100
5SP4	LineProtection	B	10	10	80	2.8
		C				2.5
		D				2.3

5SC2 - 5SY

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SC2(Diazed)	
					Application	LineProtection	
					FrameSize	DIV	
					Characteristic	gG	
					Icu[kA]	50	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100
5SY4	LineProtection	A / B	15	10	40 / 50	2.2	4
					63		3
			10 / 13		5	10	
			20		16 / 20	4.2	9
					25 / 32	3.7	7
			35		6	9	10
		C	15		40	2	3.5
					50		3
			20		8	5	7
					10	4.2	7
					13	3.4	6
					16 / 20	3	6
			35		25	2.9	5
					32	2.4	4
					0.3 / 0.5 / 1 / 1.6 / 2 / 3	10	10
					4	9	10
					6	6	10
					40		3.5
		D	15		8 / 10 / 13	3.5	6.2
					16	3.1	5.1
			20		20	2.7	4.3
					32		4
			35		0.3 / 0.5 / 1 / 1.6 / 2	10	10
					3	8	10
					4	5.5	10
					6	4.4	8.1

DIAZED-fuse system as upstream device  
in combination with miniature circuit breaker as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SC2(Diazed)		
					Application	LineProtection		
					FrameSize	DIV		
					Characteristic	gG		
					Icu[kA]	50		
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100	
5SY6	LineProtection	B	10	6	40 / 50	2.2	4	
					63		3	
			10 / 13		5	6		
			15		16 / 20	4.2	6	
					25 / 32	3.7	6	
			30		6	6		
		C	10		40	2	3.5	
					50		3	
			15		8	5	6	
					10	4.2	6	
			15		13	3.4	6	
					16 / 20	3	6	
			30		25	2.9	5	
					32	2.4	4	
			0.3 / 0.5 / 1 / 1.6 / 2 / 3 / 4 / 6		6	6		
			D		10	40		3.5
						8 / 10 / 13	3.5	6
					15	16	3.1	5.1
		20				2.7	4.3	
		30			32		4	
					0.3 / 0.5 / 1 / 1.6 / 2 / 3	6	6	
		4			5.5	6		
		6			4.4	6		

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SC2(Diazed)	
					Application	LineProtection	
					FrameSize	DIV	
					Characteristic	gG	
					Icu[kA]	50	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100
5SY7	LineProtection	B	20	15	40 / 50	2.2	4
					63		3
			13		5	10	
			25		16 / 20	4.2	9
					25 / 32	3.7	7
			30		10	5	10
		6			9	10	
		C	20		40	2	3.5
					13	3.4	6
			25		16 / 20	3	6
					25	2.9	5
			30		32	2.4	4
					8	5	7
		D	20		10	4.2	7
					3	10	10
			25		4	9	10
					6	6	10
			30		0.3 / 0.5 / 1 / 1.6 / 2	10	10
					40		3.5
		40	25		13	3.5	6.2
					16	3.1	5.1
			30		20	2.7	4.3
					32		4
			40		8 / 10	3.5	6.2
					3	8	10
					4	5.5	10
					6	4.4	8.1



**5SD8 - 5SY**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SD8(Diazed)					
					Application	LineProtection					
					FrameSize	DIII					
					Characteristic	gG					
					Icu[kA]	50					
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	35	50	63
5SY4	LineProtection	A / B	15	10	40						1.6
					10		0.4	0.7	1.2	2.5	3.5
					13			0.7	1.2	2.5	3.5
			20					1	2	2.8	
			20					1	2	2.6	
			25 / 32							1.7	2.2
		20	35		6	0.3	0.4	0.8	1.4	3.2	4.5
					8			0.6	1.2	2.2	3.5
					10			0.5	1.2	2	3
		C	20		13				1	1.6	2.4
					16				1	1.5	2.2
					20					1.3	2.2
			35		25						2.2
					0.3 / 0.5 / 1 / 1.6 / 2	0.3	0.5	1.5	2	9	10
					3	0.3	0.4	1.1	1.6	5	6
		D	20		4	0.3	0.4	0.9	1.4	3.5	5
					6		0.4	0.8	1.4	2.7	4.5
					8				0.9	2.1	2.5
			35		10					2.1	2.5
					13						2.5
					16						2.2
		35	0.3 / 0.5 / 1 / 1.6 / 2		0.3	0.4	1	1.8	5	7	
			3		0.3	0.4	0.9	1.5	4	5	
			4			0.4	0.8	1.2	3	3.8	
			6				0.7	1.1	2.5	3.1	

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SD8(Diazed)					
					Application	LineProtection					
					FrameSize	DIII					
					Characteristic	gG					
					Icu[kA]	50					
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	35	50	63
5SY6	LineProtection	B	10	6	40						1.6
					10		0.4	0.7	1.2	2.5	3.5
			15		13			0.7	1.2	2.5	3.5
					16				1	2	2.8
					20				1	2	2.6
					25 / 32					1.7	2.2
		C	30		6	0.3	0.4	0.8	1.4	3.2	4.5
					8			0.6	1.2	2.2	3.5
			15		10			0.5	1.2	2	3
					13				1	1.6	2.4
					16				1	1.5	2.2
					20					1.3	2.2
		D	30		25						2.2
					0.3 / 0.5 / 1 / 1.6 / 2	0.3	0.5	1.5	2	6	6
			15		3	0.3	0.4	1.1	1.6	5	6
					4	0.3	0.4	0.9	1.4	3.5	5
					6		0.4	0.8	1.4	2.7	4.5
					8				0.9	2.1	2.5
	30	10					2.1	2.5			
		13						2.5			
		16						2.2			
		0.3 / 0.5 / 1 / 1.6 / 2	0.3	0.4	1	1.8	5	6			
		3	0.3	0.4	0.9	1.5	4	5			
		4		0.4	0.8	1.2	3	3.8			
		6			0.7	1.1	2.5	3.1			

DIAZED-fuse system as upstream device  
in combination with residual current protective device as downstream devices

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SD8(Diazed)						
					Application	LineProtection						
					FrameSize	DIII						
					Characteristic	gG						
					Icu[kA]	50						
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	35	50	63	
5SY7	LineProtection	B	20	15	40						1.6	
					13			0.7	1.2	2.5	3.5	
			16					1	2	2.8		
			25						1	2	2.6	
			25 / 32							1.7	2.2	
			30				10		0.4	0.7	1.2	2.5
		C	40		6	0.3	0.4	0.8	1.4	3.2	4.5	
					13				1	1.6	2.4	
			25						1	1.5	2.2	
			20							1.3	2.2	
			25								2.2	
			30				8			0.6	1.2	2.2
		D	40		10				0.5	1.2	2	3
					3	0.3	0.4	1.1	1.6	5	6	
			40		4	0.3	0.4	0.9	1.4	3.5	5	
			6			0.4	0.8	1.4	2.7	4.5		
			50		0.3 / 0.5 / 1 / 1.6 / 2	0.3	0.5	1.5	2	9	10	
			25		13						2.5	
		D	30		16						2.2	
					8				0.9	2.1	2.5	
			40		10					2.1	2.5	
			3		0.3	0.4	0.9	1.5	4	5		
			40		4		0.4	0.8	1.2	3	3.8	
			6				0.7	1.1	2.5	3.1		
		50	0.3 / 0.5 / 1 / 1.6 / 2		0.3	0.4	1	1.8	5	7		

## in combination with residual current protective device as downstream devices

### 5SB4 - 5SU

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SB4(Diazed)	
					Application	LineProtection	
					FrameSize	DIII	
					Characteristic	gG	
					Icu[kA]	50	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63
5SU1(RCBO)	LineProtection	B	10	6	40	2	3.3
			15	10	32	2.2	3.7
			40	10	6	2	3.3
				15	10	1.8	3
		C	15	10	32 / 40	1.8	3

**5SC2 - 5SU**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SC2(Diazed)	
					Application	LineProtection	
					FrameSize	DIV	
					Characteristic	gG	
					Icu[kA]	50	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	80	100
5SU1(RCBO)	LineProtection	B	10	6	40	4	6
			15	10	32	4.6	10
			40	10	6	4	8
				15	10	3.6	6
		C	15	10	32 / 40	3.6	7.5

5SD8 - 5SU

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SD8(Diazed)	
					Application	LineProtection	
					FrameSize	DIII	
					Characteristic	gG	
					Icu[kA]	50	
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	50	63
5SU1(RCBO)	LineProtection	B	10	6	40	2	3.3
			15	10	32	2.2	3.7
			40	10	6	2	3.3
						1.8	3
		C	15	10	32 / 40	1.8	3

## NEOZED-fuse system as upstream device

in combination with miniature circuit breaker as downstream devices

5SE2 - 5SP

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SE2(Neozed)
					Application	LineProtection
					FrameSize	D03
					Characteristic	gG
					Icu[kA]	50
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	
5SP4	LineProtection	B	10	10	80	2.8
		C				2.5
		D				2.3

5SE2 - 5SY

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SE2(Neozed)										
					Application	LineProtection										
					FrameSize	D01	D02					D03				
					Characteristic	gG										
					Icu[kA]	50										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	35	50	63	80	100			
5SY4	LineProtection	A / B	15	10	40						1.6	2.2	4			
					50							2.2	4			
					63									3		
			20		10		0.4	0.7	1.2	2.5	3.5	5	10			
					13			0.7	1.2	2.5	3.5	5	10			
					16				1	2	2.8	4.2	9			
					20				1	2	2.6	4.2	9			
					25 / 32					1.7	2.2	3.7	7			
					6	0.3	0.4	0.8	1.4	3.2	4.5	9	10			
			C		15	40									2	3.5
						50										3
						8			0.6	1.2	2.2	3.5	5	7		
		20		10			0.5	1.2	2	3	4.2	7				
				13					1	1.6	2.4	3.4	6			
				16					1	1.5	2.2	3	6			
				20						1.3	2.2	3	6			
				25							2.2	2.9	5			
				32								2.4	4			
		35		0.3 / 0.5 / 1 / 1.6 / 2	0.3	0.5	1.5	2	9	10	10	10				
				3	0.3	0.4	1.1	1.6	5	6	10	10				
				4	0.3	0.4	0.9	1.4	3.5	5	9	10				
			6		0.4	0.8	1.4	2.7	4.5	6	10					
			40									3.5				
			8				0.9	2.1	2.5	3.5	6.2					
		D	15	10						2.1	2.5	3.5	6.2			
				13							2.5	3.5	6.2			
				16							2.2	3.1	5.1			
				20								2.7	4.3			
				32									4			
				0.3 / 0.5 / 1 / 1.6 / 2	0.3	0.4	1	1.8	5	7	10	10				
			20	3	0.3	0.4	0.9	1.5	4	5	8	10				
				4		0.4	0.8	1.2	3	3.8	5.5	10				
				6			0.7	1.1	2.5	3.1	4.4	8.1				



Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SE2(Neozed)										
					Application	LineProtection										
					FrameSize	D01	D02						D03			
					Characteristic	gG										
					Icu[kA]	50										
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	35	50	63	80	100			
5SY6	LineProtection	B	10	6	40						1.6	2.2	4			
					50						2.2	4				
					63							3				
			15		10		0.4	0.7	1.2	2.5	3.5	5	6			
					13			0.7	1.2	2.5	3.5	5	6			
					16				1	2	2.8	4.2	6			
					20				1	2	2.6	4.2	6			
					25 / 32					1.7	2.2	3.7	6			
					6	0.3	0.4	0.8	1.4	3.2	4.5	6	6			
			C		10	40									2	3.5
						50										3
						8			0.6	1.2	2.2	3.5	5	6		
		15		10			0.5	1.2	2	3	4.2	6				
				13				1	1.6	2.4	3.4	6				
				16				1	1.5	2.2	3	6				
				20					1.3	2.2	3	6				
				25						2.2	2.9	5				
				32							2.4	4				
		30		0.3 / 0.5 / 1 / 1.6 / 2	0.3	0.5	1.5	2	6	6	6	6				
				3	0.3	0.4	1.1	1.6	5	6	6	6				
				4	0.3	0.4	0.9	1.4	3.5	5	6	6				
			6		0.4	0.8	1.4	2.7	4.5	6	6					
			40								3.5					
			8				0.9	2.1	2.5	3.5	6					
		D	15	10						2.1	2.5	3.5	6			
				13						2.5	3.5	6				
				16						2.2	3.1	5.1				
				20							2.7	4.3				
			30	32								4				
				0.3 / 0.5 / 1 / 1.6 / 2	0.3	0.4	1	1.8	5	6	6	6				
				3	0.3	0.4	0.9	1.5	4	5	6	6				
				4		0.4	0.8	1.2	3	3.8	5.5	6				
		6			0.7	1.1	2.5	3.1	4.4	6						

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SE2(Neozed)								
					Application	LineProtection								
					FrameSize	D01	D02						D03	
					Characteristic	gG								
					Icu[kA]	50								
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	16	20	25	35	50	63	80	100	
5SY7	LineProtection	B	20	15	40						1.6	2.2	4	
					50						2.2	4		
					63							3		
			25		13			0.7	1.2	2.5	3.5	5	10	
					16				1	2	2.8	4.2	9	
					20				1	2	2.6	4.2	9	
			30		25 / 32					1.7	2.2	3.7	7	
					10		0.4	0.7	1.2	2.5	3.5	5	10	
					6	0.3	0.4	0.8	1.4	3.2	4.5	9	10	
					40							2	3.5	
		C	25	13				1	1.6	2.4	3.4	6		
				16				1	1.5	2.2	3	6		
				20					1.3	2.2	3	6		
			30	25						2.2	2.9	5		
				32							2.4	4		
				8			0.6	1.2	2.2	3.5	5	7		
				10			0.5	1.2	2	3	4.2	7		
			40	3	0.3	0.4	1.1	1.6	5	6	10	10		
				4	0.3	0.4	0.9	1.4	3.5	5	9	10		
				6		0.4	0.8	1.4	2.7	4.5	6	10		
		0.3 / 0.5 / 1 / 1.6 / 2		0.3	0.5	1.5	2	9	10	10	10			
		40									3.5			
		25		13						2.5	3.5	6.2		
				16						2.2	3.1	5.1		
			20							2.7	4.3			
			32								4			
			8				0.9	2.1	2.5	3.5	6.2			
		30	10						2.1	2.5	6.2			
			3	0.3	0.4	0.9	1.5	4	5	8	10			
			4		0.4	0.8	1.2	3	3.8	5.5	10			
			6			0.7	1.1	2.5	3.1	4.4	8.1			
			0.3 / 0.5 / 1 / 1.6 / 2	0.3	0.4	1	1.8	5	7	10	10			

**in combination with residual current protective device as downstream devices**

**5SE2 - 5SU**

Siemens AG Limit current with selectivity Is [kA] for 230/400 resp. 240/415 V AC acc. to IEC 60947-2					Productline	5SE2(Neozed)				
					Application	LineProtection				
					FrameSize	D02			D03	
					Characteristic	gG				
					Icu[kA]	50				
Productline	Application	Characteristic	Icu[kA]	Icn[kA]	In[A]	40	50	63	80	100
5SU1(RCBO)	LineProtection	B	15	10	32	0.9	1.1	1.7	4.5	8
		B / C	10	6	40		1	1.6	4	6
					40		1	1.6	4	7
		C	15	10	32	0.8	1	1.7	4	7

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