

## Fuse Systems

### 3NA, 3ND LV HRC Fuse Systems

#### LV HRC fuse bases and accessories

#### Technical specifications

Size	LV HRC fuse bases, LV HRC bus-mounting bases						
	000/00	0	1	2	3	4	
<b>Standards</b>	IEC 60269-1, -2; EN 60269-1; DIN VDE 0636-2, UL 4248-1 (only downstream from the branch protection)						
<b>Approvals</b>	KEMA, UL File No: E171267-IZLT2						
<b>Rated current <math>I_n</math></b>	A	160	160	250	400	630	1250
<b>Rated voltage <math>U_n</math></b>	V AC	690 <sup>1)</sup>	690 <sup>1)</sup>				690
	V DC	250	440				440
<b>Rated short-circuit strength</b>	kA AC	120					
	kA DC	25					
<b>Max. power dissipation of fuse links</b>	W	12	25	32	45	60	90
<b>Flat terminal</b>							
Screw		M8		M10		M12	
Nut		M8	--				
Max. tightening torque	Nm	14		38			65
<b>Plug-in terminal</b>							
Conductor cross-section	mm <sup>2</sup>	2.5 ... 50		--			
<b>Saddle-type terminal</b>							
Conductor cross-section	mm <sup>2</sup>	6 ... 70	--				
<b>Box terminals</b>							
Conductor cross-section	mm <sup>2</sup>	2.5 ... 50					
<b>Terminal strips</b>							
Conductor cross-section, 3-wire	mm <sup>2</sup>	1.5 ... 16	--				
Max. torque for attachment of LV HRC fuse base	Nm	2		2.5			--

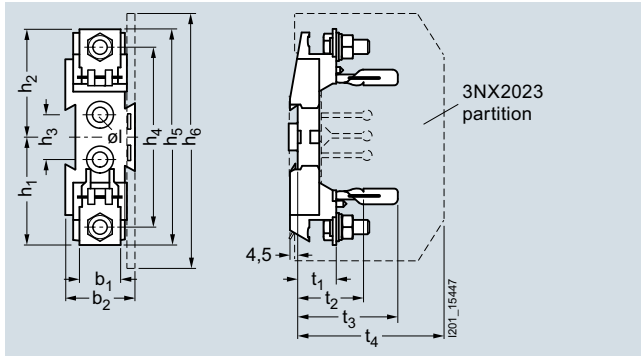
<sup>1)</sup> Extended rated voltage up to 1000 V (except LV HRC bus-mounting bases).

Size	LV HRC fuse bases with swivel mechanism				
	000/00	1	3	4a	
<b>Rated voltage <math>U_n</math></b>	V AC	690			
	V DC	440			
<b>Max. power dissipation of fuse links</b>	W	12	32	48	110
<b>Flat terminal</b>					
Screw		M8	M10	M12	M16
Nut		M8	--		
Max. tightening torque	Nm	14	38		65

Dimensional drawings

LV HRC fuse bases made of molded plastic

Size 000/00, 1P

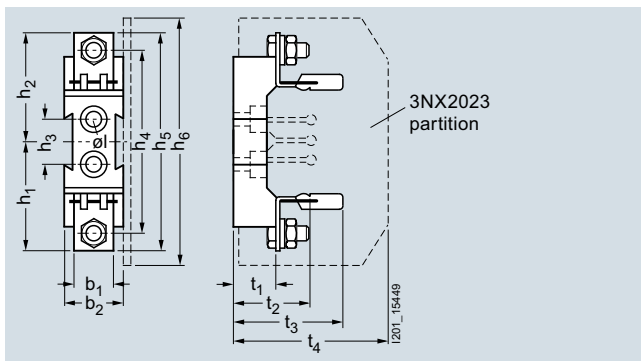


3NH3051 to 3NH3053

Size	$I_n$ A	Poles	Connections	Type	$b_1$	$b_2$	$h_1$	$h_2$	$h_3$	$h_4$	$h_5$	$h_6$	$\varnothing l$	$t_1$	$t_2$	$t_3$	$t_4$
000/00	160	1P	M8 flat terminal, screw	3NH3051	23	39	61	61	25	101	121	139	7.5	26	42	61	86
			Saddle-type terminal	3NH3052	--	39	60	60	25	108	120	139	7.5	26	42	61	86
			Box terminals	3NH3053	--	39	59	50	25	99	117	139	7.5	23	39	61	86

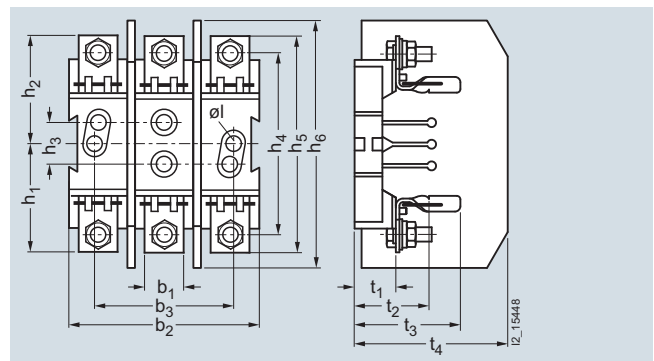
LV HRC fuse bases made of ceramic

Size 000/00  
1P



3NH303., 3NH3050

3P



3NH403.

Size	$I_n$ A	Poles	Connections	Type	$b_1$	$b_2$	$b_3$	$h_1$	$h_2$	$h_3$	$h_4$	$h_5$	$h_6$	$\varnothing l$	$t_1$	$t_2$	$t_3$	$t_4$
000/00	160	1P	Flat terminal, screw	3NH3030	23	34	--	61	61	25	102	122	139	7.5	24	40	60	86
			M8 plug-in terminal	3NH3031	31	34	--	64	64	25	102	128	139	7.5	24	40	60	86
			Saddle-type terminal	3NH3032	29	34	--	61	61	25	109	122	139	7.5	24	40	60	86
			Flat terminal, terminal strip	3NH3035	26	34	--	61	70	25	113	130	139	7.5	24	40	60	86
			Flat terminal, nut	3NH3038	23	34	--	61	61	25	102	122	139	7.5	24	40	60	86
			Flat and saddle-type terminals	3NH3050	29	34	--	61	61	25	102	122	139	7.5	24	40	60	86
000/00	160	3P	Flat terminal	3NH4030	23	102	70	61	61	25	102	122	139	7.5	24	40	60	86
			M8 plug-in terminal	3NH4031	31	102	70	64	64	25	102	128	139	7.5	24	40	60	86
			Saddle-type terminal	3NH4032	29	102	70	61	61	25	102	122	139	7.5	24	40	60	86
			Flat terminal, terminal strip	3NH4035	26	102	70	61	70	25	113	130	139	7.5	24	40	60	86