

S800U-K, 240 VAC
Branch circuit protection
UL 489

K



S801U-K



S802U-K



S803U-K



S804U-K

No. of poles	Rated current	Catalog number	No. of poles	Rated current	Catalog number
1	10	S801U-K10	3	10	S803U-K10
	15	S801U-K15		15	S803U-K15
	20	S801U-K20		20	S803U-K20
	25	S801U-K25		25	S803U-K25
	30	S801U-K30		30	S803U-K30
	40	S801U-K40		40	S803U-K40
	50	S801U-K50		50	S803U-K50
	60	S801U-K60		60	S803U-K60
	70	S801U-K70		70	S803U-K70
	80	S801U-K80		80	S803U-K80
90	S801U-K90	90	S803U-K90		
100	S801U-K100	100	S803U-K100		
2	10	S802U-K10	4	10	S804U-K10
	15	S802U-K15		15	S804U-K15
	20	S802U-K20		20	S804U-K20
	25	S802U-K25		25	S804U-K25
	30	S802U-K30		30	S804U-K30
	40	S802U-K40		40	S804U-K40
	50	S802U-K50		50	S804U-K50
	60	S802U-K60		60	S804U-K60
	70	S802U-K70		70	S804U-K70
	80	S802U-K80		80	S804U-K80
90	S802U-K90	90	S804U-K90		
100	S802U-K100	100	S804U-K100		

Tripping characteristic K

UL 489
240 VAC
50 kA

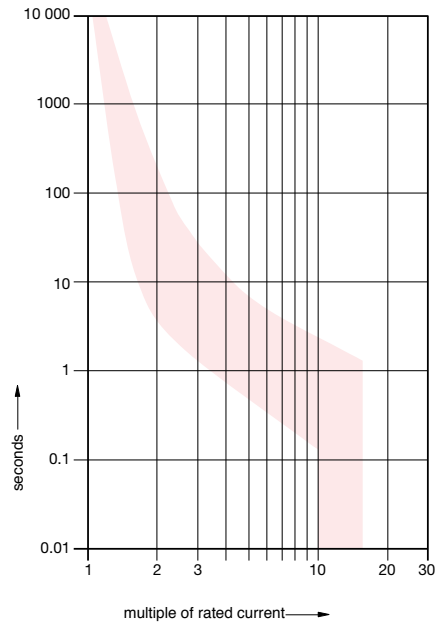
Resistive loads

- K Curve
- Designed for use in cable protection applications
- Example: control circuits, lighting

Accessories & technical data

Accessories – See page 52

Technical data – See page 76 - 82



Technical data

S280U-Z, S800S-B, S800S-C, S800S-D

Item	S800U-K, Z	S800S-B	S800S-C	S800S-D
Approvals:				
UL	489	—	—	—
CSA	22.2 No. 5.1	—	—	—
VDE	—	—	—	—
IEC	—	60947-2	60947-2	60947-2
Number of Poles:	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4
Tripping Characteristic:	K	B	C	D
Rated Currents:	10 to 100A	10 to 125A	10 to 125A	10 to 125A
Minimum Operating Voltage:	—	—	—	—
UL/CSA Rated Voltage & Interrupting Capacity:				
Frequency:	50/60 Hz	—	—	—
120VAC	—	—	—	—
240 VAC	50 kA	—	—	—
277 VAC	—	—	—	—
277/480 VAC	—	—	—	—
60VDC	—	—	—	—
125VDC	—	—	—	—
250VDC	—	—	—	—
500VDC	—	—	—	—
IEC Rated Voltage Frequency:	—	50/60 Hz	50/60 Hz	50/60 Hz
Rated Voltage	—	690 VAC	690 VAC	690 VAC
IEC Single Pole	—	—	—	—
IEC Multi-Pole	—	—	—	—
Production Category:	IP20	IP20	IP20	IP20
Depth of Unit Per DIN 43880:	—	—	—	—
Mounting Position:	Vertical / horizontal	Vertical / horizontal	Vertical / horizontal	Vertical / horizontal
Standard Mounting:	35mm DIN rail	35mm DIN rail	35mm DIN rail	35mm DIN rail
Main and Shunt Trip Terminals:				
Wire Size	1... 25	1... 25	1... 25	1... 25
Torque	35 in-lbs. / 4 Nm	35 in-lbs. / 4 Nm	35 in-lbs. / 4 Nm	35 in-lbs. / 4 Nm
Tool	—	—	—	—
Accessory Terminals				
Wire Size	1... 35	1... 35	1... 35	1... 35
Torque	35 in-lbs./4 Nm	35 in-lbs./4 Nm	35 in-lbs./4 Nm	35 in-lbs./4 Nm
Tool	—	—	—	—
Service Life at Rated Load:	6,000 operations	6,000 operations	6,000 operations	6,000 operations
Ambient Temperatures:				
Minimum	-25°C... -13°F	-25°C... -13°F	-25°C... -13°F	-25°C... -13°F
Maximum	60°C... 140°F	60°C... 140°F	60°C... 140°F	60°C... 140°F
Storage Temperatures:				
Minimum	-40°C... -40°F	-40°C... -40°F	-40°C... -40°F	-40°C... -40°F
Maximum	70°C... 158°F	70°C... 158°F	70°C... 158°F	70°C... 158°F
Shock Resistance:	—	—	—	—
Vibration Resistance:	—	—	—	—
Disconnecting Neutral Rating:	—	—	—	—