

S200P-K, 480Y/277 VAC

Supplemental protectors

UL 1077, CSA 22.2

K



S201P-K



S202P-K



S203P-K

No. of poles	Rated current	Catalog number	No. of poles	Rated current	Catalog number
1	0.2	S201P-K0.2	3	0.2	S203P-K0.2
	0.3	S201P-K0.3		0.3	S203P-K0.3
	0.5	S201P-K0.5		0.5	S203P-K0.5
	0.75	S201P-K0.75		0.75	S203P-K0.75
	1	S201P-K1		1	S203P-K1
	1.6	S201P-K1.6		1,6	S203P-K1,6
	2	S201P-K2		2	S203P-K2
	3	S201P-K3		3	S203P-K3
	4	S201P-K4		4	S203P-K4
	6	S201P-K6		6	S203P-K6
	8	S201P-K8		8	S203P-K8
	10	S201P-K10		10	S203P-K10
	13	S201P-K13		13	S203P-K13
	16	S201P-K16		16	S203P-K16
	20	S201P-K20		20	S203P-K20
25	S201P-K25	25	S203P-K25		
32	S201P-K32	32	S203P-K32		
40	S201P-K40	40	S203P-K40		
50	S201P-K50	50	S203P-K50		
63	S201P-K63	63	S203P-K63		
2	0.2	S202P-K0.2			
	0.3	S202P-K0.3			
	0.5	S202P-K0.5			
	0.75	S202P-K0.75			
	1	S202P-K1			
	1.6	S202P-K1,6			
	2	S202P-K2			
	3	S202P-K3			
	4	S202P-K4			
	6	S202P-K6			
	8	S202P-K8			
	10	S202P-K10			
	13	S202P-K13			
	16	S202P-K16			
	20	S202P-K20			
25	S202P-K25				
32	S202P-K32				
40	S202P-K40				
50	S202P-K50				
63	S202P-K63				

Tripping characteristic K

UL 1077
480Y/277 VAC
10 kA

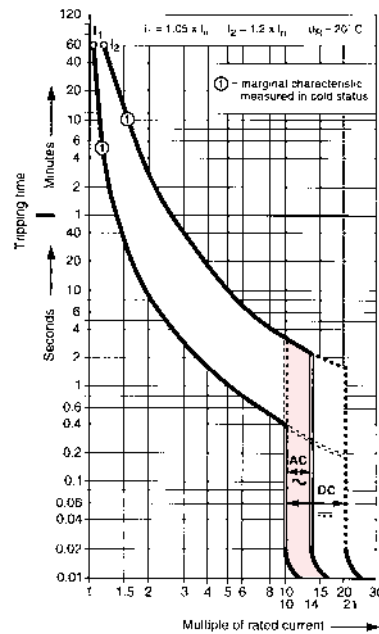
Inductive loads

- K Curve
- Designed for allowing higher in-rush currents during system start up
- Example: motors, transformers

Accessories & technical data

Accessories – See page 26

Technical data – See page 76 - 82



Note: This breaker for AC use only

Technical data

S200-K, S200P-K, S200P-Z, S280W-K

Item	S200-K		S200P-K		S200P-Z		S280W-K	
Approvals:								
UL	1077		1077		1077		1077	
CSA	C22.2 No. 235		—		—		C22.2 No. 235	
VDE	0660		0660		0660		0660	
IEC	898, 947		898, 947		898, 947		—	
Number of Poles:	1,2,3,4, 1+N, 3+N		1,2,3,4, 1+N, 3+N		1,2,3,4		1,2,3	
Tripping Characteristic:	K		K		Z		K	
Rated Currents:	0.5 to 63A		0.2 to 63A		0.5 to 63A		0.2 to 63A	
Minimum Operating Voltage:	12 V		12 V		12 V		12 V	
UL/CSA Rated Voltage & Interrupting Capacity:	Single pole	Multi pole	Single pole	Multi pole	Single pole	Multi pole		
Frequency:	50/60 Hz		50/60 Hz		50/60 Hz		50/60 Hz	
120VAC	10 kA	—	10 kA	—	10 kA	—	—	
240 VAC	6 kA	10 kA	10 kA	10 kA	10 kA	10 kA	—	
277 VAC	6 kA	—	10 kA	—	10 kA	—	—	
277/480 VAC	—	6 kA	—	10 kA	—	—	10 kA	
60VDC	10 kA	10 kA	—	—	—	—	—	
125VDC	—	10 kA	—	—	—	—	—	
250VDC	—	—	—	—	—	—	—	
500VDC	—	—	—	—	—	—	—	
IEC Rated Voltage								
Frequency:	50/60 Hz		50/60 Hz		50/60 Hz		50/60 Hz	
Rated Voltage								
IEC Single Pole	240/415 VAC, 60 VDC		240/415 VAC, 60 VDC		—		—	
IEC Multi-Pole	415 VAC, 110 VDC		415 VAC, 110 VDC		—		—	
Production Category:	IP20		IP20		IP20		IP20	
Depth of Unit Per DIN 43880:	68mm/ 2.68 in.		68mm/ 2.68 in.		68mm/ 2.68 in.		68mm/ 2.68 in.	
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	18-4 AWG/.82-21.2 mm ²		18-4 AWG/.82-21.2 mm ²		18-4 AWG/.82-21.2 mm ²		18-4 AWG/.82-21.2 mm ²	
Torque	17.5 in.-lbs. / 1.978 Nm		17.5 in.-lbs. / 1.978 Nm		17.5 in.-lbs. / 1.978 Nm		17.5 in.-lbs. / 1.978 Nm	
Tool	# 2 Posidrive		# 2 Posidrive		# 2 Posidrive		# 2 Posidrive	
Accessory Terminals								
Wire Size	18-16 AWG/.82-1.3 mm ²		18-16 AWG/.82-1.3 mm ²		18-16 AWG/.82-1.3 mm ²		18-16 AWG/.82-1.3 mm ²	
Torque	4.5 in.-lbs./ .51 Nm		4.5 in.-lbs./ .51 Nm		4.5 in.-lbs./ .51 Nm		4.5 in.-lbs./ .51 Nm	
Tool	# 1 Posidrive		# 1 Posidrive		# 1 Posidrive		# 1 Posidrive	
Service Life at Rated Load:	No Load 20,000 operations Full Load 10,000 operations		No Load 20,000 operations Full Load 10,000 operations		No Load 20,000 operations Full Load 10,000 operations		No Load 20,000 operations Full Load 10,000 operations	
Ambient Temperatures:								
Minimum	-25°C... -13°F		-25°C... -13°F		-25°C... -13°F		-25°C... -13°F	
Maximum	70°C... 158°F		70°C... 158°F		70°C... 158°F		55°C... 131°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:	30g minimum of 2 impacts, shock duration of 13 ms		30g minimum of 2 impacts, shock duration of 13 ms		30g minimum of 2 impacts, shock duration of 13 ms		30g minimum of 2 impacts, shock duration of 13 ms	
Vibration Resistance:	5g, 20 cycles, 5 Hz, 150 Hz		5g, 20 cycles, 5 Hz, 150 Hz		5g, 20 cycles, 5 Hz, 150 Hz		5g, 20 cycles, 5 Hz, 150 Hz	
Disconnecting Neutral Rating:	6 kA switching		—		—		—	