

S200 Series Miniature Circuit Breakers



S200
UL 1077 Series



Description

The S200 Series miniature circuit breaker offers a compact solution for protection requirements. The S200 devices are UL tested current limiting and DIN rail mounted. The S200 is available with application-specific trip characteristics to provide maximum circuit protection. The breakers offer thermal-magnetic trip protection according to B, C, D, K and Z characteristics.

For the worldwide market, the breakers carry UL, CSA, IEC, CE and many other agency approvals and certifications.

Features

- Current limiting
- Fast breaking time (2.3 – 2.5 ms)
- Bus connection system
- Wide range of accessories
- Available with variable depth handle mechanism
- CE certified and marked
- DIN rail mounting
- Finger safe terminals
- Multi-function terminals
- Suitable for reverse feed
- UL1077 Listed-supplemental protective device. UL file # E76126

	S200	S200P	S280UC	S290
Amperage	0.5 – 63 A	0.2 – 63 A	0.2 – 63 A	80 - 125 A
Voltage	480Y/277 VAC	480Y/277 VAC	500 VDC	480Y/277 VAC
Poles	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3	1, 2, 3, 4
Trip characteristics	B, C, D, K	K, Z	K, Z	C
Interrupting ratings	6 kA: IEC 60898 6 kA: UL 1077 6 kA: CSA C22.2 #235	10kA: IEC 947-2 10kA: UL 1077	10kA: IEC 947 10kA: UL 1077	6 kA: IEC 898 6 kA: UL 1077
Auxiliary contacts	Yes	Yes	Yes	Yes
Bell alarm	Yes	Yes	Yes	Yes
Shunt trip	Yes	Yes	Yes	Yes
Undervoltage release	Yes	Yes	Yes	No
Bus bar	Yes	Yes	Yes	No

S200P-K, 480Y/277 VAC

Supplemental protectors

UL 1077, CSA 22.2

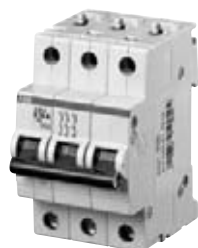
K



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
2	32	S201P-K32	3	32	S203P-K32
	40	S201P-K40		40	S203P-K40
	50	S201P-K50		50	S203P-K50
	63	S201P-K63		63	S203P-K63
	0.2	S202P-K0.2		0.2	S203P-K0.2
	0.3	S202P-K0.3		0.3	S203P-K0.3
	0.5	S202P-K0.5		0.5	S203P-K0.5
	0.75	S202P-K0.75		0.75	S203P-K0.75
	1	S202P-K1		1	S203P-K1
	1.6	S202P-K1.6		1.6	S203P-K1.6
	2	S202P-K2		2	S203P-K2
	3	S202P-K3		3	S203P-K3
	4	S202P-K4		4	S203P-K4
	6	S202P-K6		6	S203P-K6
	8	S202P-K8		8	S203P-K8
	10	S202P-K10		10	S203P-K10
	13	S202P-K13		13	S203P-K13
	16	S202P-K16		16	S203P-K16
	20	S202P-K20		20	S203P-K20
	25	S202P-K25		25	S203P-K25
	32	S202P-K32		32	S203P-K32
	40	S202P-K40		40	S203P-K40
	50	S202P-K50		50	S203P-K50
	63	S202P-K63		63	S203P-K63

Tripping characteristic K

UL 1077

480Y/277 VAC

10 kA

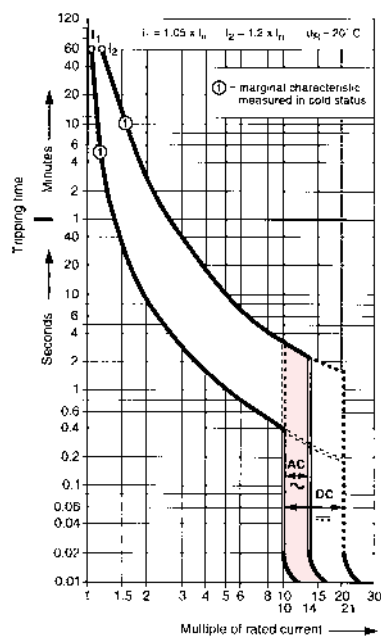
Inductive loads

- 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