

Molded Case Circuit Breakers

Molded Case Switches

100-1200A

Section 6

Molded Case Switches Spectra™ RMS

UL File E-57546, CSA LR 91464, Includes fixed, high-set Instantaneous trip suitable for reverse feed.

Frame Type	Ampere Rating	Switch ¹ Product Number	Terminal Lugs for Front Connection (Cu/Al)		Maximum Short Circuit Withstand Rating ² (kA rms symmetrical)		
			Product Number	Wire Range	240 Vac	480 Vac	600 Vac
SE150	100	SEDA36AN0100	TCAL18	Aluminum: #12-3/0 Copper: #14-3/0	200	100	25
	150	SEDA36AN0150					
SF250	250	SFDA36AN0250	TCAL29	Aluminum: #8-350 kcmil Copper: #8-350 kcmil	200	100	25
SG600	400	SGDA36AN0400	3-pole lug kit TCLK365 ³	Aluminum: (2) 2/0-500 kcmil or (1) #8-600 kcmil Copper: (2) 2/0-500 kcmil or (1) #8-600 kcmil	200	100	65
	600	SGDA36AN0600					
SK1200	800	SKDA36AN0800	TCAL81	Aluminum: (3) 3/0-500 kcmil Copper: (3) 3/0-500 kcmil	100	65	42
	1000	SKDA36AN1000	TCAL125	Aluminum: (4) 250-500 kcmil Copper: (4) 250-500 kcmil			
	1200	SKDA36AN1200					

Molded Case Switches Nonautomatic Trip, Includes Cu/Al line and load lugs. For optional lugs, see page 6-103 and 6-104.

Type	Ampere Rating	Number of Poles	Voltage Rating	Product Number
TEB	100	1	120 Vac, 125 Vdc	TEB111V100 ⁴
TEB	100	2	240 Vac, 250 Vdc	TEB122V100 ⁴
TEB	100	3	240 Vac	TEB132V100 ⁴
TEB	100	3	240Vac	TEB132VT100 ⁹
TED	100	1	277 Vac, 125 Vdc	TED113V100 ⁴
TED	100	2	480 Vac, 250 Vdc	TED124V100 ⁴
TED	100	3	480Vac, 250Vdc	TED134VT100 ⁹
TED	100	3	600Vac	TED136VT100 ⁹
TED	100	3	600Vac	TED136VT100A ¹⁰
TED	150	2	480 Vac, 250 Vdc	TED124Y150 ^{4,5}
TED	150	3	480Vac, 250Vdc	TED134VT150 ⁹
TED	150	3	600Vac	TED136VT150 ⁹
TFJ	225	2	600 Vac	TFJ226Y225 ^{4,6,11}
TFJ	225	3	600 Vac	TFJ236Y225 ^{6,11}
TJJ	400	2	600 Vac, 250 Vdc	TJJ426Y400 ⁷
TJJ	400	3	600 Vac	TJJ436Y400 ⁷

Type	Ampere Rating	Number of Poles	Voltage Rating	Product Number
TFK	225	2	600 Vac, 250 Vdc	TFK226Y225 ^{6,7,8,11}
TFK	225	3	600 Vac, 250 Vdc	TFK236Y225 ^{7,8,11}
TJK	400	2	600 Vac, 250 Vdc	TJK426Y400 ⁷
TJK	400	3	600 Vac, 250 Vdc	TJK436Y400 ⁷
TJK	600	2	600 Vac, 250 Vdc	TJK626Y600 ⁷
TJK	600	3	600 Vac, 250 Vdc	TJK636Y600 ⁷
TKM	800	2	600 Vac, 250 Vdc	TKMA826Y800 ^{7,11}
TKM	800	3	600 Vac, 250 Vdc	TKMA836Y800 ^{7,11}
TKM	1000	2	600 Vac, 250 Vdc	TKMA2Y1000 ^{7,11}
TKM	1000	3	600 Vac, 250 Vdc	TKMA3Y1000 ^{7,11}
TKM	1200	2	600 Vac, 250 Vdc	TKMA2Y1200 ^{7,11}
TKM	1200	3	600 Vac, 250 Vdc	TKMA3Y1200 ^{7,11}

¹No rating plug required.

²The maximum withstand rating is limited by the application to the value set forth in this table or the short circuit rating of the upstream fuse or circuit breaker, whichever is less. The upstream protective device must have an instantaneous trip function or element and its rated ampacity may not exceed the ampere rating of the switch.

³Order one kit for either line or load end; two kits required for both.

⁴Internal accessory requires factory installed dummy trip. Specify on order. Accessories not available for one-pole TEB, TED.

⁵Not UL listed.

⁶600 Volts max.

⁷Internal accessory requires factory installed dummy trip unit. See page 6-44 for additional details. Nonautomatic trip unit and dummy trip not UL listed for field installation.

⁸UL listed only when ordered as a complete switch.

⁹Includes factory installed dummy trip for accessory installation.

¹⁰Includes factory installed dummy trip and TCAL12A lugs.

¹¹Limited availability. Obsolete when inventory is depleted.



Molded Case Circuit Breakers Motor Circuit Protectors

3-250A

Mag-Break Motor Circuit Protectors

Current Limiting, UL Component Recognized¹

Features

- Suitable for Reverse Feed
- UL Recognized File E-11592
- CSA Certified LR 40350
- IEC 947-2 690 Vac Max.
 - SE 150 160 Ampere Max.
 - SF250 250 Ampere Max.
 - SG600 630 Ampere Max.
 - SK1200 1250 Ampere Max.
- UL Current Limiting

High Interrupting Capacity Spectra™ RMS Motor Circuit Protectors—SE150 Line 3-Pole

Ampere Rating	Rating Plug		Product Number	Current Sensor	Frame		Terminal Lugs for Front Connection (Cu/Al)	
	Adjustable Instantaneous Trip Ampere Range				65kAIC @480 Vac	100kAIC @480 Vac	Product Number	Wire Range
	Low	High			Product Number	Product Number		
3	11	39	SRPE7A3	7	SELA36AI0007	SEPA36AI0007	TCAL18	14-3/0 Cu
7	22	90	SRPE7A7					
15	43	182	SRPE30A15	30	SELA36AI0030	SEPA36AI0030	TCAL18	
20	58	254	SRPE30A20					
25	73	332	SRPE30A25					
30	87	415	SRPE30A30					
40	118	501	SRPE60A40					
50	148	637	SRPE60A50	60	SELA36AI0060	SEPA36AI0060	TCAL18	
60	178	777	SRPE60A60					
70	206	863	SRPE100A70	100	SELA36AI0100	SEPA36AI0100	TCAL18	
80	236	999	SRPE100A80					
90	267	1138	SRPE100A90					
100	297	1280	SRPE100A100					
110	328	1426	SRPE150A110					
125	374	1640	SRPE150A125	150	SELA36AI0150	SEPA36AI0150	TCAL18	
150	450	1991	SRPE150A150					

SE150 Add-on 3-Pole Limiters

Maximum Ampere Rating	Product Number	kAIC @600 Vac	Use With Breaker/MCP Frame
150	SAXSEL36150	65	SEL
150	SAXSEP36150	100	SEP

High Interrupting Capacity Motor Circuit Protectors—SF250 Line 3-Pole

Ampere Rating	Rating Plug		Product Number	Current Sensor	Frame		Terminal Lugs for Front Connection (Cu/Al)	
	Adjustable Instantaneous Trip Ampere Range				65kAIC @480 Vac	100kAIC @480 Vac	Product Number	Wire Range
	Low	High			Product Number	Product Number		
70	205	700	SRPF250A70	250	SFLA36AI0250	SFPA36AI0250	TCAL29	8-350 Cu 8-350 Al
90	265	900	SRPF250A90					
100	295	1000	SRPF250A100					
110	325	1100	SRPF250A110					
125	370	1250	SRPF250A125					
150	440	1500	SRPF250A150					
175	515	1750	SRPF250A175					
200	590	2000	SRPF250A200					
225	665	2250	SRPF250A225					
250	736	2500	SRPF250A250					

¹Per UL 489, interruption ratings are not printed on the product label (interruption ratings are established based on a tested combination of the motor circuit protector and a properly sized overload relay and contactor).

