

Spectra™ RMS

SE150 Frame

15-150A Circuit Breakers

Electronic Trip

Suitable for Reverse Feed

UL/cUL File E-11592

¹Adjustable Instantaneous with Tracking Short Time (Long Time established via Interchangeable Rating Plugs).

Note: This information is provided for interpreting product numbers (it should not be used to build product numbers).

Product Number Structure

		S	E	D	A	2	4	A	T	0030		
Family											Sensor (Max Amps)	
S = Spectra™											0030	0100
Frame Rating (Amperes)											0060	0150
E = 150											Trip Function	
											T = LSI ¹	
Interruption Rating (480V)											Trip Unit	
D = 18 kA	L = 65 kA										A = RMS1	
H = 25 kA	P = 100 kA											
Continuous Load Rating											Voltage Rating	
A = Standard											4 = 480V	6 = 600V
											Poles	
											2 = 2 poles	3 = 3-poles

SED, SEH, SEL, SEP²; 2-Pole, 150A, 480 Vac Max., (IEC 947-2: 160A, 415 Vac Max.)

Rating Plug			Frame					Terminal Lugs for Front Connection (Cu/Al)		
			UL 489 IC @ 480 Vac							
Ampere Rating	Adjustable Instantaneous Trip Range Amps		Product Number	Current Sensor	18kA	25kA	65kA	100kA	Product Number	Wire Range
	Low	High			Product Number	Product Number	Product Number	Product Number		
15	43	182	SRPE30A15	30	SEDA24AT0030 ³	SEHA24AT0030 ³	SELA24AT0030 ³	SEPA24AT0030 ³	TCAL18	12-3/0 Cu 12-3/0 Al
20	58	254	SRPE30A20							
25	73	332	SRPE30A25							
30	87	415	SRPE30A30							
35	104	453	SRPE60A35							
40	118	501	SRPE60A40	60	SEDA24AT0060 ³	SEHA24AT0060 ³	SELA24AT0060 ³	SEPA24AT0060 ³		
45	134	583	SRPE60A45							
50	148	637	SRPE60A50							
60	178	777	SRPE60A60							
70	206	863	SRPE100A70							
80	236	999	SRPE100A80	100	SEDA24AT0100	SEHA24AT0100	SELA24AT0100	SEPA24AT0100		
90	267	1138	SRPE100A90							
100	297	1280	SRPE100A100							
110	328	1426	SRPE150A110	150	SEDA24AT0150	SEHA24AT0150	SELA24AT0150	SEPA24AT0150		
125	374	1640	SRPE150A125							
150	450	1991	SRPE150A150							

SED, SEH, SEL, SEP²; 3-Pole, UL/cUL: 150A, 600 Vac Max., (IEC 947-2: 160A, 690 Vac Max.)

Rating Plug			Frame					Terminal Lugs for Front Connection (Cu/Al)		
			UL 489 IC @ 480 Vac							
Ampere Rating	Adjustable Instantaneous Trip Range Amps		Product Number	Current Sensor	18kA	25kA	65kA	100kA	Product Number	Wire Range
	Low	High			Product Number	Product Number	Product Number	Product Number		
15	43	182	SRPE30A15	30	SEDA36AT0030 ³	SEHA36AT0030 ³	SELA36AT0030 ³	SEPA36AT0030 ³	TCAL18	12-3/0 Cu 12-3/0 Al
20	58	254	SRPE30A20							
25	73	332	SRPE30A25							
30	87	415	SRPE30A30							
35	104	453	SRPE60A35							
40	118	501	SRPE60A40	60	SEDA36AT0060 ³	SEHA36AT0060 ³	SELA36AT0060 ³	SEPA36AT0030 ³		
45	134	583	SRPE60A45							
50	148	637	SRPE60A50							
60	178	777	SRPE60A60							
70	206	863	SRPE100A70							
80	236	999	SRPE100A80	100	SEDA36AT0100	SEHA36AT0100	SELA36AT0100	SEPA36AT0100		
90	267	1138	SRPE100A90							
100	297	1280	SRPE100A100							
110	328	1426	SRPE150A110	150	SEDA36AT0150	SEHA36AT0150	SELA36AT0150	SEPA36AT0150		
125	374	1640	SRPE150A125							
150	450	1991	SRPE150A150							

²SEL, SEP UL current limiting.

³When used with 15-50A Rating Plug, UL listed for HID (high intensity discharge).

Note: All Spectra™ breakers UL listed as HACR type. All Spectra™ breakers marked CE.

Motor Circuit Protectors

3-250A

Mag-Break Motor Circuit Protectors

Current Limiting, UL Component Recognized¹

Features

- Suitable for Reverse Feed
- UL/cUL Recognized File E-11592
- 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

Rating Plug				Frame			Terminal Lugs for Front Connection (Cu/Al)	
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	Current Sensor	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 12-3/0 Al
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	60	SELA36AI0060	SEPA36AI0060	TCAL18	
50	148	637	SRPE60A50					
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

Rating Plug				Frame			Terminal Lugs for Front Connection (Cu/Al)	
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	Current Sensor	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).