

Spectra™ RMS

SF250 Frame

70-250A Circuit Breakers

Electronic Trip

Suitable for Reverse Feed

UL/cUL File E-11592

Product Number Structure

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).

	S	F	H	A	2	4	A	T	0250								
Family	S = Spectra™		H = 35 kA L = 65 kA P = 100 kA	A = Standard	2 = 2 poles	4 = 480V	A = RMS1	T = LSI¹	0250	Sensor (Max Amps)							
Frame Rating (Amperes)										0250							
Interruption Rating (480V)										Trip Function							
Continuous Load Rating										T = LSI¹							
						Voltage Rating											
						4 = 480V		6 = 600V									
					Poles												
					2 = 2 poles		3 = 3-poles										

SFH, SFL, SFP²; 2-Pole, UL/cUL: 250A, 480 Vac Max., (IEC 947-2: 250A, 415 Vac Max.)

Rating Plug			Frame				Terminal Lugs for Front Connection (Cu/Al)	
			UL 489 IC @ 480 Vac				Product Number	Wire Range
Ampere Rating	Adjustable Instantaneous Trip Range Amps		Current Sensor	35kA	65kA	100kA		
	Low	High		Product Number	Product Number	Product Number		
70	205	700	250	SFHA24AT0250	SFLA24AT0250	SFPA24AT0250	TCAL29	8-350 Cu 8-350 Al
80	235	800						
90	265	900						
100	295	1000						
110	325	1100						
125	370	1250						
150	440	1500						
175	515	1750						
200	590	2000						
225	665	2250						
250	736	2500						

SFH, SFL, SFP²; 3-Pole, UL/cUL: 250A, 600 Vac Max., (IEC 947-2: 250A, 690 Vac Max.)

Rating Plug			Frame				Terminal Lugs for Front Connection (Cu/Al)	
			UL 489 IC @ 480 Vac				Product Number	Wire Range
Ampere Rating	Adjustable Instantaneous Trip Range Amps		Current Sensor	35kA	65kA	100kA		
	Low	High		Product Number	Product Number	Product Number		
70	205	700	250	SFHA36AT0250	SFLA36AT0250	SFPA36AT0250	TCAL29	8-350 Cu 8-350 Al
80	235	800						
90	265	900						
100	295	1000						
110	325	1100						
125	370	1250						
150	440	1500						
175	515	1750						
200	590	2000						
225	665	2250						
250	736	2500						

²SFL, SFP UL current limiting.
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					
20	58	254	SRPE30A20					
25	73	332	SRPE30A25	30	SELA36AI0030	SEPA36AI0030	TCAL18	
30	87	415	SRPE30A30					
40	118	501	SRPE60A40					
50	148	637	SRPE60A50					
60	178	777	SRPE60A60	60	SELA36AI0060	SEPA36AI0060	TCAL18	
70	206	863	SRPE100A70					
80	236	999	SRPE100A80					
90	267	1138	SRPE100A90					
100	297	1280	SRPE100A100	100	SELA36AI0100	SEPA36AI0100	TCAL18	
110	328	1426	SRPE150A110					
125	374	1640	SRPE150A125					
150	450	1991	SRPE150A150					
				150	SELA36AI0150	SEPA36AI0150	TCAL18	

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).