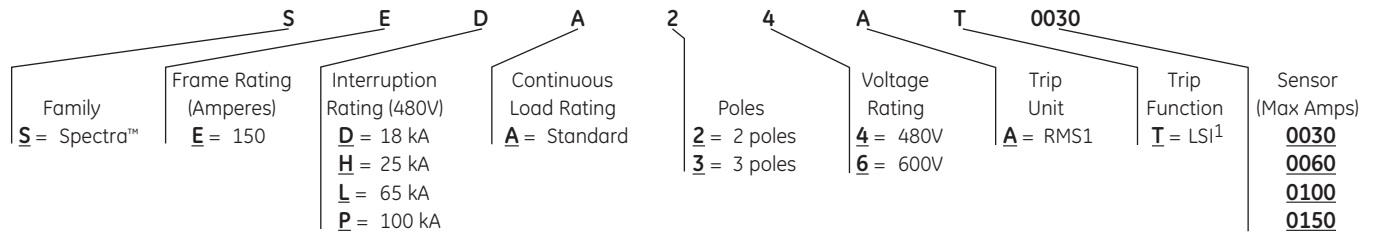


# Molded Case Circuit Breakers Industrial Circuit Breakers

15-150A Circuit Breakers  
Electronic Trip  
Spectra™ RMS  
SE150 Line Circuit Breakers

### Product Number Structure



<sup>1</sup>Adjustable 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).

### SE150 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350

SED, SEH; 2-Pole, UL/CSA: 150A, 480 Vac Max., IEC 947-2: 160A, 415 Vac Max.

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

### SE150 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350

SEL, SEP<sup>2</sup>; 2-Pole, UL/CSA: 150A, 480 Vac Max., IEC 947-2: 160A, 415 Vac Max.

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

<sup>2</sup>SEL, SEP UL current limiting.

<sup>3</sup>When 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.



# Molded Case Circuit Breakers Industrial Circuit Breakers

## Section 6

15-150A Circuit Breakers

Electronic Trip

Spectra™ RMS

SE150 Line Circuit Breakers

SE150 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350

SED, SEH; 3-Pole, UL/CSA: 150A, 600 Vac Max., IEC 947-2: 160A, 690 Vac Max.

Rating Plug			Frame			Terminal Lugs for Front Connection (Cu/Al)		
Ampere Rating	Adj. Inst. Trip Range Amps		Product Number	Current Sensor	UL 489 IC @480 Vac	UL 489 IC @480 Vac	Product Number	Wire Range
	Low	High			18kA Product Number	25kA Product Number		
15	43	182	SRPE30A15	30	SEDA36AT0030 <sup>2</sup>	SEHA36AT0030 <sup>2</sup>	TCAL18	12-3/0 Cu 12-3/0 Al
20	58	254	SRPE30A20					
25	73	332	SRPE30A25					
30	87	415	SRPE30A30					
40	118	501	SRPE60A40	60	SEDA36AT0060 <sup>2</sup>	SEHA36AT0060 <sup>2</sup>		
50	148	637	SRPE60A50					
60	178	777	SRPE60A60					
70	206	863	SRPE100A70					
80	236	999	SRPE100A80	100	SEDA36AT0100	SEHA36AT0100		
90	267	1138	SRPE100A90					
100	297	1280	SRPE100A100					
110	328	1426	SRPE150A110					
125	374	1640	SRPE150A125	150	SEDA36AT0150	SEHA36AT0150		
150	450	1991	SRPE150A150					

SE150 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350

SEL, SEP<sup>1</sup>; 3-Pole, UL/CSA: 150A, 600 Vac Max., IEC 947-2: 160A, 690 Vac Max.

Rating Plug			Frame			Terminal Lugs for Front Connection (Cu/Al)		
Ampere Rating	Adj. Inst. Trip Range Amps		Product Number	Current Sensor	UL 489 IC @480 Vac	UL 489 IC @480 Vac	Product Number	Wire Range
	Low	High			65kA Product Number	100kA Product Number		
15	43	182	SRPE30A15	30	SELA36AT0030 <sup>2</sup>	SEPA36AT0030 <sup>2</sup>	TCAL18	12-3/0 Cu 12-3/0 Al
20	58	254	SRPE30A20					
25	73	332	SRPE30A25					
30	87	415	SRPE30A30					
40	118	501	SRPE60A40	60	SELA36AT0060 <sup>2</sup>	SEPA36AT0060 <sup>2</sup>		
50	148	637	SRPE60A50					
60	178	777	SRPE60A60					
70	206	863	SRPE100A70					
80	236	999	SRPE100A80	100	SELA36AT0100	SEPA36AT0100		
90	267	1138	SRPE100A90					
100	297	1280	SRPE100A100					
110	328	1426	SRPE150A110					
125	374	1640	SRPE150A125	150	SELA36AT0150	SEPA36AT0150		
150	450	1991	SRPE150A150					

<sup>1</sup>SEL, SEP UL current limiting.

<sup>2</sup>When 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.

### 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

### SE 150 Reference Publications

Plug-in Mounting Base	GEH-4610
Installation Instructions for Spectra™ E-Frame Add-On Limiters	DEH-4671
STDA Flange Handle	GEH-5314
Rating Plug	GEH-5549
Shunt Trip and Undervoltage Release	GEH-5551
Spectra™ E-Frame Installation Instruction	GEH-5591
Auxiliary Switch and Bell Alarm	GEH-5593
TDR Operating Mechanism	GEH-5609
TDM Operating Mechanism	GEH-5611
Motor Operator	GEH-5613
Mechanical Interlock	GEH-5615
STDA Operating Mechanism	GEH-5684
Spectra™ RMS Molded Case Circuit Breaker Accessories - Warning Labels	GEH-5686
Spectra™ RMS Molded Case Circuit Breaker Accessories - Operator Adapter Kits	GEH-5688
Spectra™ RMS Molded Case Circuit Breaker Accessories - Lugs for SE150	GEH-5881
Cable Operator Mechanism	GEH-6290
Lug	GEJ-3051
Padlocking Device - Standard	GEJ-3056
Back Connected Studs	GEJ-3609
SE150 Outline Drawing	168D1109SH1
Add-On Limiters	DEH-4671
Spectra™ RMS Circuit Breakers in Combination with Cooper Bussman Distribution Block	DET-781



# Molded Case Circuit Breakers Motor Circuit Protectors

3-250A

Mag-Break Motor Circuit Protectors

Current Limiting, UL Component Recognized<sup>1</sup>

### 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

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
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					
80	236	999	SRPE100A80	100	SELA36AI0100	SEPA36AI0100	TCAL18	
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					

<sup>1</sup>Per 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).

