

# 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<br>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<br>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/<br>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     |

