

Molded Case Circuit Breakers Industrial Circuit Breakers

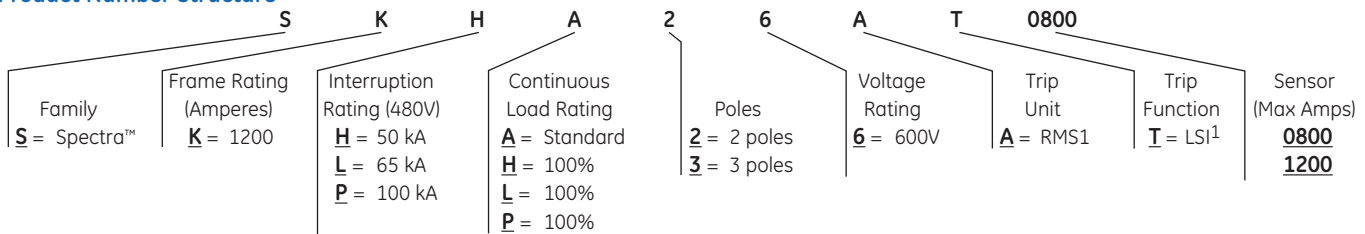
Section 6

300-1200A Circuit Breakers

Electronic Trip

Spectra™ RMS

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).

SK1200 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350, UL/CSA: 800A, 600 Vac Max., IEC 947-2:800A 690 Vac Max.

| Rating Plug | | | | Frame | | | | Terminal Lugs for Front Connection (Cu/Al) | |
|---------------|--|------|----------------|----------------|-------|--------------------|--------------|--|----------------|
| Ampere Rating | Adjustable Instantaneous Trip Ampere Range | | Product Number | Current Sensor | Poles | UL 489 IC @480 Vac | | Product Number | Wire Range |
| | Low | High | | | | 50kA | 65kA | | |
| 300 | 940 | 3015 | SRPK800A300 | 800 | 2 | SKHA26AT0800 | SKLA26AT0800 | TCAL81 | (3) 3/0-500 Cu |
| 400 | 1255 | 4015 | SRPK800A400 | | | SKHA26AT0800 | SKLA26AT0800 | | |
| 500 | 1570 | 5020 | SRPK800A500 | | 3 | 3 | SKHA36AT0800 | SKLA36AT0800 | (3) 3/0-500 Al |
| 600 | 1875 | 6195 | SRPK800A600 | | | | SKHA36AT0800 | SKLA36AT0800 | |
| 700 | 2155 | 7420 | SRPK800A700 | | | | SKHA36AT0800 | SKLA36AT0800 | |
| 800 | 2440 | 8705 | SRPK800A800 | | | | SKHA36AT0800 | SKLA36AT0800 | |

SK1200 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350, UL/CSA: 800A, 600 Vac Max., IEC 947-2:800A 690 Vac Max.

| Rating Plug | | | | Frame | | | | Terminal Lugs for Front Connection (Cu/Al) | |
|---------------|--|------|----------------|----------------|-------|--------------------|----------------|--|----------------|
| Ampere Rating | Adjustable Instantaneous Trip Ampere Range | | Product Number | Current Sensor | Poles | UL 489 IC @480 Vac | | Product Number | Wire Range |
| | Low | High | | | | 100kA | Product Number | | |
| 300 | 940 | 3015 | SRPK800A300 | 800 | 2 | SKPA26AT0800 | | TCAL81 | (3) 3/0-500 Cu |
| 400 | 1255 | 4015 | SRPK800A400 | | | SKPA26AT0800 | | | |
| 500 | 1570 | 5020 | SRPK800A500 | | 3 | 3 | SKPA36AT0800 | | (3) 3/0-500 Al |
| 600 | 1875 | 6195 | SRPK800A600 | | | | SKPA36AT0800 | | |
| 700 | 2155 | 7420 | SRPK800A700 | | | | SKPA36AT0800 | | |
| 800 | 2440 | 8705 | SRPK800A800 | | | | SKPA36AT0800 | | |

SK1200 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350, UL/CSA: 1200A, 600 Vac Max., IEC 947-2: 1250A, 690 Vac Max.

| Rating Plug | | | | Frame | | | | Terminal Lugs for Front Connection (Cu/Al) | |
|---------------|--|-------|----------------|----------------|-------|--------------------|--------------|--|----------------|
| Ampere Rating | Adjustable Instantaneous Trip Ampere Range | | Product Number | Current Sensor | Poles | UL 489 IC @480 Vac | | Product Number | Wire Range |
| | Low | High | | | | 50kA | 65kA | | |
| 600 | 1825 | 6110 | SRPK1200A600 | 1200 | 2 | SKHA26AT1200 | SKLA26AT1200 | TCAL125 | (4) 250-500 Cu |
| 700 | 2125 | 7125 | SRPK1200A700 | | | SKHA26AT1200 | SKLA26AT1200 | | |
| 800 | 2430 | 8145 | SRPK1200A800 | | 3 | 3 | SKHA36AT1200 | SKLA36AT1200 | (4) 250-500 Al |
| 900 | 2735 | 9160 | SRPK1200A900 | | | | SKHA36AT1200 | SKLA36AT1200 | |
| 1000 | 3040 | 10180 | SRPK1200A1000 | | | | SKHA36AT1200 | SKLA36AT1200 | |
| 1200 | 3650 | 12215 | SRPK1200A1200 | | | | SKHA36AT1200 | SKLA36AT1200 | |

SK1200 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350, UL/CSA: 1200A, 600 Vac Max., IEC 947-2: 1250A, 690 Vac Max.

| Rating Plug | | | | Frame | | | | Terminal Lugs for Front Connection (Cu/Al) | |
|---------------|--|-------|----------------|----------------|-------|--------------------|----------------|--|----------------|
| Ampere Rating | Adjustable Instantaneous Trip Ampere Range | | Product Number | Current Sensor | Poles | UL 489 IC @480 Vac | | Product Number | Wire Range |
| | Low | High | | | | 100kA | Product Number | | |
| 600 | 1825 | 6110 | SRPK1200A600 | 1200 | 2 | SKPA26AT1200 | | TCAL125 | (4) 250-500 Cu |
| 700 | 2125 | 7125 | SRPK1200A700 | | | SKPA26AT1200 | | | |
| 800 | 2430 | 8145 | SRPK1200A800 | | 3 | 3 | SKPA36AT1200 | | (4) 250-500 Al |
| 900 | 2735 | 9160 | SRPK1200A900 | | | | SKPA36AT1200 | | |
| 1000 | 3040 | 10180 | SRPK1200A1000 | | | | SKPA36AT1200 | | |
| 1200 | 3650 | 12215 | SRPK1200A1200 | | | | SKPA36AT1200 | | |

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

All Spectra™ breakers marked CE.



Molded Case Circuit Breakers

Industrial Circuit Breakers

300-1200A Circuit Breakers
Electronic Trip
Spectra™ RMS

SK1200 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350

100% UL Rated, 3-Pole: 800A, 600 Vac Max.; IEC 947-2: 800A, 690 Vac Max.

| Rating Plug | | | | Frame | | | | |
|---------------|--|------|----------------|--------------------|----------------|--------------------|--------------------|--------------|
| Ampere Rating | Adjustable Instantaneous Trip Ampere Range | | Product Number | UL 489 IC @480 Vac | | UL 489 IC @480 Vac | UL 489 IC @480 Vac | |
| | Low | High | | 50kA | 65kA | 100kA | | |
| | | | Current Sensor | Poles | Product Number | Product Number | Product Number | |
| 300 | 940 | 3015 | SRPK800A300 | 800 | 3 | SKHH36AT0800 | SKLL36AT0800 | SKPP36AT0800 |
| 400 | 1255 | 4015 | SRPK800A400 | | | | | |
| 500 | 1570 | 5020 | SRPK800A500 | | | | | |
| 600 | 1875 | 6195 | SRPK800A600 | | | | | |
| 700 | 2155 | 7420 | SRPK800A700 | | | | | |
| 800 | 2440 | 8705 | SRPK800A800 | | | | | |

Terminal Lugs for Front Connection (Cu/Al)

| Product Number | Wire Range |
|----------------|----------------|
| TCAL81 | (3) 3/0-500 Cu |
| | (3) 3/0-500 Al |

SK1200 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350

100% UL Rated, 3-Pole: 1200A, 600 Vac Max.; IEC 947-2: 100A, 690 Vac Max.

| Rating Plug | | | | Frame | | | | |
|---------------|--|-------|----------------|--------------------|----------------|---------------------------|---------------------------|---------------------------|
| Ampere Rating | Adjustable Instantaneous Trip Ampere Range | | Product Number | UL 489 IC @480 Vac | | UL 489 IC @480 Vac | UL 489 IC @480 Vac | |
| | Low | High | | 50kA | 65kA | 100kA | | |
| | | | Current Sensor | Poles | Product Number | Product Number | Product Number | |
| 600 | 1825 | 6110 | SRPK1200A600 | 1200 | 3 | SKHH36AT1000 | SKLL36AT1000 | SKPP36AT1000 |
| 700 | 2125 | 7125 | SRPK1200A700 | | | | | |
| 800 | 2430 | 8145 | SRPK1200A800 | | | | | |
| 900 | 2735 | 9160 | SRPK1200A900 | | | | | |
| 1000 | 3040 | 10180 | SRPK1200A1000 | | | | | |
| 1200 | 3650 | 12215 | SRPK1200A1200 | | | | | |
| | | | | | 3 | SKHH36AT1200 ¹ | SKLL36AT1200 ¹ | SKPP36AT1200 ¹ |

Terminal Lugs for Front Connection (Cu/Al)

| Product Number | Wire Range |
|----------------|----------------|
| TCAL125 | (4) 250-500 Cu |
| | (4) 250-500 Al |

¹100% UL rated SK1200 supplied with back-connected assembly which increases breaker depth. Refer to outline drawings for details. Lugs not required

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

SK1200 Reference Publications

| | |
|--|-------------|
| Plug-in Mounting Base | GEH-4342 |
| STDA Flange Handle | GEH-5314 |
| Rating Plug | GEH-5549 |
| Shunt Trip and Undervoltage Release | GEH-5551 |
| Spectra™ K-Frame Installation Instruction | GEH-5592 |
| Auxiliary Switch and Bell Alarm | GEH-5593 |
| Spectra™ RMS Molded Case Circuit Breaker Accessories - Mounting of integral handle | GEH-5610 |
| Spectra™ RMS Molded Case Circuit Breaker Accessories - Type TDM operating handle | GEH-5612 |
| Motor Operator | GEH-5614 |
| Spectra™ RMS Molded Case Circuit Breaker Accessories - Handle Extension | GEH-5648 |
| Spectra™ RMS Molded Case Circuit Breaker Accessories - Trip Unit Covers | GEH-5664 |
| STDA Operating Mechanism | GEH-5684 |
| Spectra™ RMS Molded Case Circuit Breaker Accessories - Lug Shields for SKP | GEH-5685 |
| Spectra™ RMS Molded Case Circuit Breaker Accessories - Face Mounted Interlock | GEH-5698 |
| Spectra™ RMS Molded Case Circuit Breaker Accessories - Lug Shields for SK1200 | GEH-5699 |
| Spectra™ RMS Molded Case Circuit Breaker Accessories - Coupling TDM operating mechanisms | GEH-5873 |
| Mechanical Interlock | GEH-5874 |
| Padlocking Device - Standard | GEH-5877 |
| Spectra™ RMS Molded Case Circuit Breaker Accessories - MVT & MVT Plus PM Rating Plugs | GEH-5887 |
| Cable Operator Mechanism | GEH-6291 |
| Back Connected Studs | GEJ-3619 |
| SK1200 Outline Drawings | 208C1757SH1 |
| SK1200 Outline Drawings (1200A 100%) | 168D1678SH2 |



Molded Case Circuit Breakers Motor Circuit Protectors

Section 6

125-1200A

Mag-Break Motor Circuit Protectors

Current Limiting, UL Component Recognized¹

SG 600 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 | | |
| 400 Ampere Max. | | | | | | | | |
| 125 | 380 | 1275 | SRPG400A125 | 400 | SGLA36AI0400 | SGPA36AI0400 | TCLK365 ² | (2) 2/0-500 Cu or (1) 8-600 Cu |
| 150 | 455 | 1530 | SRPG400A150 | | | | | |
| 175 | 530 | 1785 | SRPG400A175 | | | | | |
| 200 | 605 | 2040 | SRPG400A200 | | | | | |
| 225 | 680 | 2295 | SRPG400A225 | | | | | |
| 250 | 755 | 2550 | SRPG400A250 | | | | | |
| 300 | 905 | 3060 | SRPG400A300 | | | | | |
| 350 | 1060 | 3570 | SRPG400A350 | | | | | |
| 400 | 1210 | 4080 | SRPG400A400 | | | | | |
| 600 Ampere Max. | | | | | | | | |
| 250 | 765 | 2530 | SRPG600A250 | 600 | SGLA36AI0600 | SGPA36AI0600 | TCLK365 ² | (2) 2/0-500 Cu or (1) 8-600 Al |
| 300 | 915 | 3035 | SRPG600A300 | | | | | |
| 350 | 1070 | 3545 | SRPG600A350 | | | | | |
| 400 | 1220 | 4050 | SRPG600A400 | | | | | |
| 450 | 1375 | 4555 | SRPG600A450 | | | | | |
| 500 | 1525 | 5060 | SRPG600A500 | | | | | |
| 600 | 1830 | 6075 | SRPG600A600 | | | | | |

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).

²Order one kit for either the line or load end; two kits required for both.

SK1200 Line (Not Current Limiting) 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 | Product Number | Wire Range | |
| | Low | High | | | Product Number | | | |
| 800 Ampere Max. | | | | | | | | |
| 300 | 940 | 3015 | SRPK800A300 | 800 | SKLA36AI0800 | TCAL81 | (3) 3/0-500 Cu | |
| 400 | 1250 | 4015 | SRPK800A400 | | | | | |
| 500 | 1570 | 5020 | SRPK800A500 | | | | | |
| 600 | 1875 | 6195 | SRPK800A600 | | | | | |
| 700 | 2155 | 7420 | SRPK800A700 | | | | | |
| 800 | 2440 | 8705 | SRPK800A800 | | | | | |
| 1200 Ampere Max. | | | | | | | | |
| 600 | 1825 | 6110 | SRPK1200A600 | 1200 | SKLA36AI1200 | TCAL125 | (4) 250-500 Cu | |
| 700 | 2125 | 7125 | SRPK1200A700 | | | | | |
| 800 | 2430 | 8145 | SRPK1200A800 | | | | | |
| 100 | 3040 | 10180 | SRPK1200A1000 | | | | | |
| 1200 | 3650 | 12215 | SRPK1200A1200 | | | | | |

Accessories: See pages 6-39 to 6-44, 6-67 to 6-69 and 6-97 to 6-109.

Standard Capacity Mag Break Motor Circuit Protectors—Type TJC 3-Pole

| Ampere Rating | Adjustable Instantaneous Trip Ampere Range | | 30kAIC @480 Vac Complete Breaker (includes line and load lugs) | |
|---------------|--|------|--|--|
| | Low | High | Product Number | |
| 400 | 330 | 1100 | TJC36400E | |
| | 550 | 1670 | TJC36400F | |
| | 1000 | 3300 | TJC36400G | |
| | 1200 | 4000 | TJC36400B | |
| 600 | 1000 | 3300 | TJC36600G | |
| | 1800 | 6000 | TJC36600H | |

