



Representative Image

Catalog No. SGLA36AI0600

Description: SGL 3P 600V 600A MAG-BREAK

UPC No 783164211719

Products > Circuit Breakers > Molded Case Circuit Breakers > Spectra RMS™ Electronic Trip

Spectra RMS Motor Circuit Protectors (SE150, SF250, SG600 and SK1200) have a digital, solid state, RMS sensing trip system with field installable, front-mounted rating plugs to establish or change the breaker ampere rating. Adjustable instantaneous with tracking short-time is standard on all frames. The trip system uses digital sampling to determine the RMS value of sinusoidal and non-sinusoidal currents.

Descriptors

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|-------------|------------------------------|
| Category | Spectra RMS™ Electronic Trip |
| GO Schedule | BH |

Specifications

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|---------------------------------|--|
| Product Line | Spectra RMS - Standard |
| Trip Style | Interchangeable |
| Frame Type | SG600 |
| Amperage | 250 A, 300 A, 350 A, 400 A, 450 A, 500 A, 600 A |
| Poles | 3 |
| System Voltage | 120 Vac, 120/240 Vac, 240 Vac, 277 Vac, 480 Vac, 600 Vac |
| 120 Vac Interrupting Rating | 100 KAIC |
| 120/240 Vac Interrupting Rating | 100 KAIC |
| 240 Vac Interrupting Rating | 100 KAIC |
| 277 Vac Interrupting Rating | 65 KAIC |
| 480 Vac Interrupting Rating | 65 KAIC |
| 600 Vac Interrupting Rating | 65 KAIC |
| Trip Function | Mag Only |
| Continuous Current Rated | Standard |
| Suitable for Reverse Feed | Yes |
| Lugs | TCLK365 |
| Long Time | No |
| Instantaneous | Adjustable |
| Current Metering | No |
| Protective Relays | No |
| GSA Compliance | No |

Classifications

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|-----------|---------|
| UL File # | E11592 |
| CSA File# | LR40350 |

Publications

| Title | Publication No. | Publication Type |
|--|-----------------|----------------------------------|
| Spectra RMS MCCB, Type SG600, Drawing 1-Page, Fully dimensioned outline drawing in .dxf format | GEM-2879-DXF | Drawings-Outline and Dimensional |
| SG (600AF 250-600A) Mag-Break; Tracking Short Time Instantaneous Rev. B. 1 page time current curve | K215-192 | Time Current Curves |
| SG (400/600AF); Let-Through Energy 1-page let-through energy curve. | K215-198B | Time Current Curves |
| SG (400/600AF); Peak Let-Through Current 1-page peak let through current curve. | K215-199B | Time Current Curves |
| Spectra RMS MCCB, Type SG600, Drawing 1-Page, Fully dimensioned outline drawing in .pdf format | GEM-2879-PDF | Drawings-Outline and Dimensional |
| Spectra RMS MCCB, Type SG600, Model Full Scale solid model in .stp format for SG600 Circuit Breakers. | GEM-2879-STP | Drawings-Outline and Dimensional |

Additional Documentation: Visit our [Publication Library](#) to find technical documentation, time current curves, CSI Specifications and promotional literature.