



Representative Image

Catalog No. SGLA36AI0600

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

UPC No 783164211719

Home > 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

Category	Spectra RMS™ Electronic Trip
GO Schedule	BH

Specifications

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
Interrupting Rating @ SystemVoltage	100kA@120 Vac, 100kA@120/240 Vac, 100kA@240 Vac, 65kA@277 Vac, 65kA@480 Vac, 65kA@600 Vac

Classifications

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.