



Representative Image

Catalog No. SFP24AT0250

Description: SFP 2P 480V 250A

UPC No 783164211269

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

Spectra RMS Molded Case Circuit Breakers (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	ES

Specifications

Product Line	Spectra RMS - Standard
Trip Style	Interchangeable
Frame Type	SF250
Amperage	100 A, 110 A, 125 A, 150 A, 175 A, 200 A, 225 A, 250 A, 70 A, 90 A, 80 A
Poles	2
System Voltage	120 Vac, 120/240 Vac, 240 Vac, 277 Vac, 480 Vac, 600 Vac
120 Vac Interrupting Rating	200 KAIC
120/240 Vac Interrupting Rating	200 KAIC
240 Vac Interrupting Rating	200 KAIC
277 Vac Interrupting Rating	100 KAIC
480 Vac Interrupting Rating	100 KAIC
600 Vac Interrupting Rating	25 KAIC
Trip Function	LSI
Continuous Current Rated	Standard
Suitable for Reverse Feed	Yes
Lugs	TCAL29
Long Time	Fixed
Short Time	Adjustable
Instantaneous	Adjustable
Current Metering	No
Protective Relays	No
Special Markings	HACR
GSA Compliance	No
Interrupting Rating @ SystemVoltage	100kA@277 Vac, 100kA@480 Vac, 200kA@120 Vac, 200kA@240 Vac

Classifications

UL File #	E11592
CSA File#	LR40350

Publications

Title	Publication No.	Publication Type
Spectra RMS MCCB, Type SF250, Model Full Scale solid model in .stp format for SF250 Circuit Breakers.	GEM-2878-STP	Drawings-Outline and Dimensional
Spectra RMS MCCB, Type SF250, Drawing 1-Page, Fully dimensioned outline drawing in .dxf format. Includes door cut-out.	GEM-2878-DXF	Drawings-Outline and Dimensional
Spectra RMS MCCB, Type SF250, Drawing 1-Page, Fully dimensioned outline drawing in .pdf format. Includes door cut-out.	GEM-2878-PDF	Drawings-Outline and Dimensional
SF (250AF); Peak Let-Through Current 1-page peak let through current curve.	K215-180A	Time Current Curves
Spectra RMS MCCB, Type SF250 Plug-in Base, Model Full Scale solid model in .stp format for SF250 Plug-in Bases.	SF-Plug-in-STP	Drawings-Outline and Dimensional
SF (250AF 70-250RP); Long/Tracking Short Time Instantaneous 1-page time current curve.	K215-173C	Time Current Curves
SF (250AF); Peak Let-Through Energy 1-page peak let through energy curve.	K215-179A	Time Current Curves

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