



Representative Image

Catalog No. SFLA36AI0250

Description: F-FRAME 3P 600V 250A MAG-BREAK

UPC No 783164211610

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	SF250
Amperage	100 A, 110 A, 125 A, 150 A, 175 A, 200 A, 225 A, 250 A, 70 A, 90 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	25 KAIC
Trip Function	Mag Only
Continuous Current Rated	Standard
Suitable for Reverse Feed	Yes
Lugs	TCAL29
Long Time	No
Instantaneous	Adjustable
Current Metering	No
Protective Relays	No
GSA Compliance	No

Classifications

UL File #	E11592
CSA File#	LR40350

Dimensions

Height	30.0 in
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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
SF (250AF 70-250A) Mag-Break; Tracking Short Time Instantaneous 1-page time current curve.	K215-190B	Time Current Curves
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); 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.