



Industrial Circuit Breakers

How to Order	6-2
Features	6-4
Quick Reference Guide	6-6

Q-Line Circuit Breakers

Plug-In 120/240V Class	6-14
Plug-In 240V Class	6-16
Bolt-On 240V Class	6-20
Cable-In Cable Out (lug-lug) 240V Class	6-25
DIN-Rail Mount 240V Class	6-27
Cable-In Cable Out (lug-lug) 240V Class	6-28
Molded Case Switches 240V Class	6-29
Accessories 240V Class	6-30

Thermal Magnetic Trip

15-100A Type TEY/TEYF Bolt-On	6-32
15-125A Type TEYD/TEYH/TEYL	6-33
10-150A E-150 Line Types TEB, TED, THED	6-35
200-600A J600 Line Types TJJ, TJK, THJK	6-37

Internal Accessories – Molded Case Circuit Breakers

Accessory Devices and Ratings	6-39
Auxiliary Switches	6-40
Shunt Trip	6-41
Undervoltage Release	6-43

Spectra™ RMS

15-150A, SE150 Frame	6-45
70-250A, SF250 Frame	6-47
125-600A, SG600 Frame	6-49
300-1200A, SK1200 Frame	6-52

Spectra™ RMS with *micro*EntelliGuard™ Trip Unit

Features	6-54
<i>micro</i> EntelliGuard™ Trip Unit Characteristics	6-55
How to Order	6-56
60-600A, SG600 Line	6-58
300-1200A, SK1200 Line	6-60

Accessories for Spectra™ RMS Circuit Breakers with *micro*EntelliGuard™ Trip Units

Power Management System Accessories	6-62
Other Accessories	6-66
Internal Accessories	6-67

Record Plus™

15-100A, FB Line	6-69
FB Internal Accessories	6-73
FB External Accessories	6-74
15-100A, FC Line	6-75
FC Internal Accessories	6-78
FC External Accessories	6-79
25-250A, FE Line	6-80
FE Internal Accessories	6-82
FE External Accessories	6-82
100-600A, FG Line	6-84
FG with PremEon™ S	6-85
FG with SMR2	6-86
FG Internal Accessories	6-88
FG External Accessories	6-89

Molded Case Switches – 100-1200 A 6-90

Motor Circuit Protectors

3-250A Spectra™ RMS Mag Break	6-91
125-1200A Spectra™ RMS Mag Break	6-92
25-600A Record Plus Mag Break	6-93

External Accessories

Cable Operators	6-94
Flange-Mounted Operators	6-96
Door Mounted Operators	6-98
Motor Operators and Plug-in Hardware	6-100
Mechanical Interlocks and Locking Devices	6-101
Breaker Mounting Hardware and Kits	6-102
Lugs and Associated Hardware	6-103
Neutral Grounds and Sensors	6-104
Plug-in Hardware	6-106

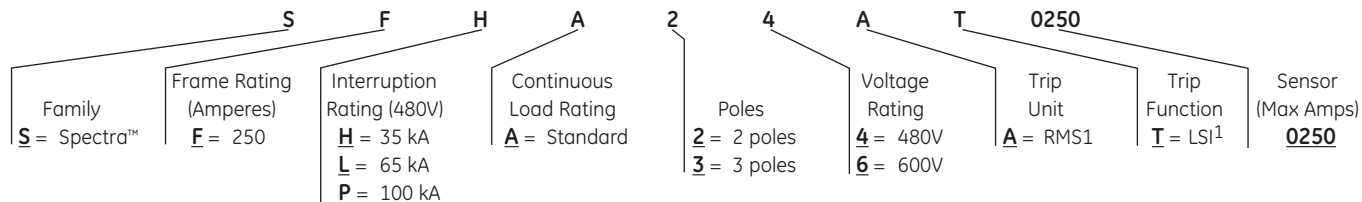


Molded Case Circuit Breakers

Spectra™ RMS

SF250 Frame
70-250A Circuit Breakers
Electronic Trip
Suitable for Reverse Feed
UL File E-11592, CSA LR 40350

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).

SFH, SFL, SFP²; 2-Pole, UL/CSA: 250A, 480 Vac Max., (IEC 947-2: 250A, 415 Vac Max.)

Rating Plug				Frame				Terminal Lugs for Front Connection (Cu/Al)	
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	Current Sensor	UL 489 IC @ 480 Vac			Product Number	Wire Range
	Low	High			35kA	65kA	100kA		
70	205	700	SRPF250A70	250	SFHA24AT0250	SFLA24AT0250	SFPA24AT0250	TCAL29	8-350 Cu 8-350 Al
80	235	800	SRPF250A80						
90	265	900	SRPF250A90						
100	295	1000	SRPF250A100						
110	325	1100	SRPF250A110						
125	370	1250	SRPF250A125						
150	440	1500	SRPF250A150						
175	515	1750	SRPF250A175						
200	590	2000	SRPF250A200						
225	665	2250	SRPF250A225						
250	736	2500	SRPF250A250						

SFH, SFL, SFP²; 3-Pole, UL/CSA: 250A, 600 Vac Max., (IEC 947-2: 250A, 690 Vac Max.)

Rating Plug				Frame				Terminal Lugs for Front Connection (Cu/Al)	
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	Current Sensor	UL 489 IC @ 480 Vac			Product Number	Wire Range
	Low	High			35kA	65kA	100kA		
70	205	700	SRPF250A70	250	SFHA36AT0250	SFLA36AT0250	SFPA36AT0250	TCAL29	8-350 Cu 8-350 Al
80	235	800	SRPF250A80						
90	265	900	SRPF250A90						
100	295	1000	SRPF250A100						
110	325	1100	SRPF250A110						
125	370	1250	SRPF250A125						
150	440	1500	SRPF250A150						
175	515	1750	SRPF250A175						
200	590	2000	SRPF250A200						
225	665	2250	SRPF250A225						
250	736	2500	SRPF250A250						

²SFL, SFP UL current limiting.

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

