

# Spectra RMS™ Circuit Breakers with MicroVersaTrip Plus™ Trip Units

Current Sensor	Trip Function	Frame						Terminal Lugs for Front Connection (Cu/Al)		
		IC @ 480 Vac, UL489		IC @ 480 Vac, UL489		IC @ 480 Vac, UL489		Catalog Number	List Price, GO-1355	Wire Range
		Catalog Number	List Price, GO-1355	Catalog Number	List Price, GO-1355	Catalog Number	List Price, GO-1355			

## MicroVersaTrip Plus, Standard UL Rated

### SG600 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350

#### SGL, SGP UL Current Limiting; 3-Pole, UL/CSA: 600 Vac Max., IEC 947-2: 630A, 690 Vac Max.

		35kA		65kA		100kA				
150	LIT	SGHB36BA0150	\$2597.00	SGLB36BA0150	\$3752.00	SGPB36BA0150	\$4932.00	3-Pole lug kit TCLK365 Ⓢ	\$42.00	Aluminum: (2) 2/0-500 kcmil or (1) #6-600 kcmil  Copper: (2) 2/0-400 kcmil or (1) #8-600 kcmil
	LSIT	SGHB36BB0150	3962.00	SGLB36BB0150	5117.00	SGPB36BB0150	6297.00			
	LSIGT	SGHB36BC0150	3807.00	SGLB36BC0150	4962.00	SGPB36BC0150	6142.00			
LSIGT	SGHB36BD0150	5172.00	SGLB36BD0150	6327.00	SGPB36BD0150	7507.00				
LIT-CP	SGHB36BE0150	2897.00	SGLB36BE0150	4052.00	SGPB36BE0150	5232.00				
LSIT-CP	SGHB36BF0150	4262.00	SGLB36BF0150	5417.00	SGPB36BF0150	6597.00				
400	LIT	SGHB36BA0400	2597.00	SGLB36BA0400	3752.00	SGPB36BA0400	4932.00			
	LSIT	SGHB36BB0400	3962.00	SGLB36BB0400	5117.00	SGPB36BB0400	6297.00			
	LIGT	SGHB36BC0400	3807.00	SGLB36BC0400	4962.00	SGPB36BC0400	6142.00			
LSIGT	SGHB36BD0400	5172.00	SGLB36BD0400	6327.00	SGPB36BD0400	7507.00				
LIT-CP	SGHB36BE0400	2897.00	SGLB36BE0400	4052.00	SGPB36BE0400	5232.00				
LSIT-CP	SGHB36BF0400	4262.00	SGLB36BF0400	5417.00	SGPB36BF0400	6597.00				
600	LIT	SGHB36BA0600	3551.00	SGLB36BA0600	4505.00	SGPB36BA0600	5880.00			
	LSIT	SGHB36BB0600	4916.00	SGLB36BB0600	5870.00	SGPB36BB0600	7245.00			
	LIGT	SGHB36BC0600	4761.00	SGLB36BC0600	5715.00	SGPB36BC0600	7090.00			
LSIGT	SGHB36BD0600	6126.00	SGLB36BD0600	7080.00	SGPB36BD0600	8455.00				
LIT-CP	SGHB36BE0600	3851.00	SGLB36BE0600	4805.00	SGPB36BE0600	6180.00				
LSIT-CP	SGHB36BF0600	5216.00	SGLB36BF0600	6170.00	SGPB36BF0600	7545.00				

## SK1200 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350

### 3-Pole, UL/CSA: 1200A, 600 Vac Max., IEC 947-2: 1250A, 690 Vac Max. (SKL, SKP only)

		50kA		65kA		100kA				
800	LIT	SKHB36BA0800	\$ 4588.00	SKLB36BA0800	\$ 5552.00	SKPB36BA0800	\$ 8734.00	TCAL81	\$47.00	Aluminum: (3) 3/0-500 kcmil Copper: (3) 3/0-500 kcmil
	LSIT	SKHB36BB0800	5953.00	SKLB36BB0800	6917.00	SKPB36BB0800	10059.00			
	LIGT	SKHB36BC0800	5798.00	SKLB36BC0800	6762.00	SKPB36BC0800	9944.00			
	LSIGT	SKHB36BD0800	7163.00	SKLB36BD0800	8127.00	SKPB36BD0800	11309.00			
	LIT-CP	SKHB36BE0800	4888.00	SKLB36BE0800	5852.00	SKPB36BE0800	9034.00			
LSIT-CP	SKHB36BF0800	6253.00	SKLB36BF0800	7217.00	SKPB36BF0800	10399.00				
1200	LIT	SKHB36BA1200	8077.00	SKLB36BA1200	9048.00	SKPB36BA1200	11854.00	TCAL125	76.00	Aluminum: (4) 250-500 kcmil Copper: (4) 250-350 kcmil
	LSIT	SKHB36BB1200	9442.00	SKLB36BB1200	10413.00	SKPB36BB1200	13219.00			
	LIGT	SKHB36BC1200	9287.00	SKLB36BC1200	10258.00	SKPB36BC1200	13064.00			
	LSIGT	SKHB36BD1200	10652.00	SKLB36BD1200	11623.00	SKPB36BD1200	14429.00			
	LIT-CP	SKHB36BE1200	6377.00	SKLB36BE1200	9348.00	SKPB36BE1200	12154.00			
LSIT-CP	SKHB36BF1200	9742.00	SKLB36BF1200	10713.00	SKPB36BF1200	13519.00				

## MicroVersaTrip Plus 100% UL Rated

### SG600 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350

#### SGL, SGP UL Current Limiting; 3-Pole, UL/CSA: 600 Vac Max., IEC 947-2: 630A, 690 Vac Max.

		35kA		65kA		100kA				
150	LIT	SGHH36BA0150	\$4774.00	SGLL36BA0150	\$5919.00	SGPL36BA0150	\$ 6412.00	3-Pole lug kit TCLK365 Ⓢ	\$42.00	Aluminum: (3) 3/0-500 kcmil Copper: (1) #6-600 kcmil  Copper: (2) 2/0-400 kcmil or (1) #8-600 kcmil
	LSIT	SGHH36BB0150	6139.00	SGLL36BB0150	7284.00	SGPL36BB0150	7777.00			
	LIGT	SGHH36BC0150	5984.00	SGLL36BC0150	7129.00	SGPL36BC0150	7622.00			
	LSIGT	SGHH36BD0150	7349.00	SGLL36BD0150	8494.00	SGPL36BD0150	8987.00			
	LIT-CP	SGHH36BE0150	5074.00	SGLL36BE0150	6219.00	SGPL36BE0150	6712.00			
LSIT-CP	SGHH36BF0150	6439.00	SGLL36BF0150	7584.00	SGPL36BF0150	8077.00				
400	LIT	SGHH36BA0400	4774.00	SGLL36BA0400	5919.00	SGPL36BA0400	6412.00			
	LSIT	SGHH36BB0400	6139.00	SGLL36BB0400	7284.00	SGPL36BB0400	7777.00			
	LIGT	SGHH36BC0400	5984.00	SGLL36BC0400	7129.00	SGPL36BC0400	7622.00			
	LSIGT	SGHH36BD0400	7349.00	SGLL36BD0400	8494.00	SGPL36BD0400	8987.00			
	LIT-CP	SGHH36BE0400	5074.00	SGLL36BE0400	6219.00	SGPL36BE0400	6712.00			
LSIT-CP	SGHH36BF0400	6439.00	SGLL36BF0400	7584.00	SGPL36BF0400	8077.00				
600	LIT	SGHH36BA0600	5771.00	SGLL36BA0600	7155.00	SGPL36BA0600	7644.00			
	LSIT	SGHH36BB0600	7136.00	SGLL36BB0600	8520.00	SGPL36BB0600	9009.00			
	LIGT	SGHH36BC0600	6981.00	SGLL36BC0600	8365.00	SGPL36BC0600	8854.00			
	LSIGT	SGHH36BD0600	8346.00	SGLL36BD0600	9730.00	SGPL36BD0600	10219.00			
	LIT-CP	SGHH36BE0600	6071.00	SGLL36BE0600	7455.00	SGPL36BE0600	7944.00			
LSIT-CP	SGHH36BF0600	7436.00	SGLL36BF0600	8820.00	SGPL36BF0600	9309.00				

## SK1200 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350

### 3-Pole, UL/CSA: 1200A, 600 Vac Max., IEC 947-2: 1250A, 690 Vac Max. (SKL, SKP only)

		50kA		65kA		100kA				
800	LIT	SKHH36BA0800	\$ 7975.00	SKLL36BA0800	\$ 9892.00	SKPL36BA0800	\$11354.00	TCAL81	\$47.00	Aluminum: (3) 3/0-500 kcmil Copper: (3) 3/0-500 kcmil
	LSIT	SKHH36BB0800	9340.00	SKLL36BB0800	11257.00	SKPL36BB0800	12719.00			
	LIGT	SKHH36BC0800	9185.00	SKLL36BC0800	11102.00	SKPL36BC0800	12564.00			
	LSIGT	SKHH36BD0800	10550.00	SKLL36BD0800	12467.00	SKPL36BD0800	13929.00			
	LIT-CP	SKHH36BE0800	8275.00	SKLL36BE0800	10192.00	SKPL36BE0800	11654.00			
LSIT-CP	SKHH36BF0800	9640.00	SKLL36BF0800	11557.00	SKPL36BF0800	13019.00				
1000	LIT	SKHH36BA1000	11624.00	SKLL36BA1000	14414.00	SKPL36BA1000	15410.00	TCAL125	76.00	Aluminum: (4) 250-500 kcmil Copper: (4) 250-350 kcmil
	LSIT	SKHH36BB1000	12989.00	SKLL36BB1000	15779.00	SKPL36BB1000	16775.00			
	LIGT	SKHH36BC1000	12834.00	SKLL36BC1000	15624.00	SKPL36BC1000	16620.00			
	LSIGT	SKHH36BD1000	14199.00	SKLL36BD1000	16989.00	SKPL36BD1000	17985.00			
	LIT-CP	SKHH36BE1000	11924.00	SKLL36BE1000	14714.00	SKPL36BE1000	15710.00			
LSIT-CP	SKHH36BF1000	13289.00	SKLL36BF1000	16079.00	SKPL36BF1000	17075.00				
1200	LIT	SKHH36BA1200	11624.00	SKLL36BA1200	14414.00	SKPL36BA1200	15410.00	TCAL125	76.00	Aluminum: (4) 250-500 kcmil Copper: (4) 250-350 kcmil
	LSIT	SKHH36BB1200	12989.00	SKLL36BB1200	15779.00	SKPL36BB1200	16775.00			
	LIGT	SKHH36BC1200	12834.00	SKLL36BC1200	15624.00	SKPL36BC1200	16620.00			
	LSIGT	SKHH36BD1200	14199.00	SKLL36BD1200	16989.00	SKPL36BD1200	17985.00			
	LIT-CP	SKHH36BE1200	11924.00	SKLL36BE1200	14714.00	SKPL36BE1200	15710.00			
LSIT-CP	SKHH36BF1200	13289.00	SKLL36BF1200	16079.00	SKPL36BF1200	17075.00				

- ① Order one kit for either line or load end; two kits required for both.
- ② For grounded neutral systems (1Φ/3w or 3Φ/4w) a neutral current sensor is required. Refer to Page 4-35.
- ③ For +24 Vdc Control Power Accessories refer to pages 4-32 to 4-34.
- ④ Suitable for 500 kcmil copper, 1200A max. rating.
- ⑤ 100% UL rated supplied with back-connected assembly which increases breaker depth. Refer to outline drawing for details.
- ⑥ For ground fault neutral current sensor, use 1200A rating.



# Molded Case Circuit Breakers

## K 1200 Line

- Thermal Magnetic Circuit Breakers
- Magnetic Breakers
- Molded-Case Switches

These breakers are available only with interchangeable trip units. Two frame sizes are available, the 800 ampere frame (300 to 800 amperes) and the 1200 ampere frame (600 to 1200 amperes). Trip units are not interchangeable between frames.

"Complete Circuit Breaker" price includes frame, trip, Cu/Al line, and load lugs. Units will be shipped unassembled unless specified "must be factory assembled." If line lugs are not required on the breaker, eliminate "WL" from catalog number and subtract price of line lugs.

To order the frame, trip, and lugs separately, select the required components from table. Magnetic circuit breakers must be ordered as components. A complete breaker consists of frame, trip and one line and one load lug per pole. Price of ordering "Complete Circuit Breaker" vs. frame, trip, and line and load lugs separately is the same.

Molded-case switches can also be ordered as complete units (designated Type TKMA---Y) or as separate components. They are UL listed only as complete units. To indicate required lugs, see the table below.

Unless otherwise noted, all circuit breakers are UL listed in File E-11592. Molded-case switches are UL listed in File E-57546.

## R Frame—1000/1600/2000 Amp Molded-Case Circuit Breakers

- Solid-state MicroVersaTrip Plus™ or MicroVersaTrip PM™ Trip Unit
- Interchangeable trip unit via rating plugs
- 65 and 100 kA ratings available
- Standard and 100% rated versions
- Uses standard Power Break® accessories
- Stationary/manual only

## Current Limiting Circuit Breakers

- 150, 225, 400 and 600 ampere frame sizes
- UL listed interrupting ratings are 200 kA at 240 and 480 volts ac maximum and 50 kA at 600 volts ac maximum
- Thermal magnetic construction

## Circuit Breakers with MicroVersaTrip® Trip Units

- Solid-state construction with MicroVersaTrip RMS-9 digital rms sensing microprocessor trip units.
- Available in J and K frame construction with ampere ratings from 60-1200A.

For ordering information see pages 4-36 through 4-41. UL listed, File E-11592. All breakers are UL listed in File E-11592.

## Tri-Break® Line

- Integrally Fused Thermal Magnetic Circuit Breakers
- Integrally Fused Magnetic Circuit Breakers
- Integrally Fused Molded-Case Switches

These breakers are available in four types. Type TB1 (15-100 amperes) catalog numbers include frame, trip, line and load lugs, and current limiters all *factory assembled*. Types TB4 (125 to 400 amperes), TB6 (300 to 600 amperes) and TB8 (600 to 800 amperes) include frame, trip and limiters, *factory assembled*, but do not include line or load lugs. If line and load lugs are required, order separately. Unless otherwise noted, TB1, TB4, TB6, and TB8 breaker components are UL listed in File E-42263. Fused molded-case switches are UL listed in File E-57546.

## Mag-Break® Line

- Magnetic only circuit breakers (motor circuit protectors)

These breakers are available only with noninterchangeable adjustable magnetic trip, in frame Types E, F, J, K, and Tri-Break. All breakers are shipped factory assembled, complete with Cu/Al line and load lugs.

All magnetic only circuit breakers and limiters are UL Component Recognized in Files E-11592 and E-66390, respectively, unless otherwise noted.

## Accessories

Order accessories from the appropriate table:

Thermal Magnetic Circuit Breakers, Magnetic Circuit Breakers, and Molded-Case Switches — pages 4-48 to 4-65.

MicroVersaTrip RMS-9 or 4-function Solid-State Circuit Breakers — pages 4-48 to 4-65.

- Ⓞ Installation of accessories in molded-case switches requires dummy trip; see page 4-51 for information. Dummy trip not required for Tri-Break or Q Line molded-case switches.

Spectra RMS™ Breakers — pages 4-47 to 4-65.

Spectra RMS™ Breakers with MicroVersaTrip Plus™ Trip Units or MicroVersaTrip PM™ Trip Units — pages 4-32 to 4-35 and 4-47 to 4-65.

## Molded-Case Circuit Breaker and Switch Terminal Configuration Code

Order standard Cu/Al lugs by using suffix codes presented. Order lugs separately if special lugs are required. For optional lugs, see page 4-62.

Breaker/Switch Type	Suffix				
	Blank	WL	XL	X2	LL
TQD/TJD	Load Lugs Only	Line and Load Lugs	—	Line Lugs Only	No Lugs
Molded Case Breakers, Thermal Magnetic	Load Lugs Only	Line and Load Lugs	—	Line Lugs Only	No Lugs
Molded Case Switch	Line and Load Lugs	—	No Lugs	Line Lugs Only	Load Lugs Only
Spectra RMS™ Breakers	No Lugs	Order Lugs Separately			
J.K. MicroVersaTrip® Breakers	No Lugs	Order Lugs Separately			
Mine Duty™ Breakers	No Lugs	Order Lugs Separately			
Mag-Break® Breakers	Line and Load Lugs	—	—	—	—

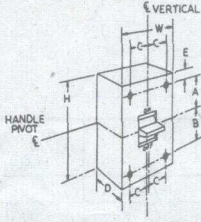
For E 150 circuit breakers suffix XL is used to specify "no lugs".



# Digital, Solid-State Spectra RMS™ Breakers

## Quick Reference Guide

Ratings do not apply to molded-case switches



### Spectra RMS™ Circuit Breakers UL/CSA Ratings

Solid-State with Interchangeable Trip Unit

Circuit Breaker Type	Ampere Rating	No. Poles	Maximum ac Voltage Rating	UL Listed Interrupting Rating — rms Symmetrical Amperes (in Thousands)			Federal Spec. C/B Class W-C375B	Dimensions Inches (mm)							Approx. Ship Wt./Std. Pack
				240 Vac	480 Vac	600 Vac		H	W	D	A	B	C	E	

#### SE150 Current Limiting (UL File No. E-11592; CSA LR 40350) ①

SED ②	15-150	2	480	18	18	—	13b	6.31 (160)	4.12 (105)	3.38 (86)	2.41 (61)	2.47 (63)	.69 (18)	.72 (18)	5.65 lb/ 1
		3	600			14	18a								
SEH ②	15-150	2	480	65	25	—	13b,15b								
		3	600			18	22a								
SEL	15-150	2	480	100	65	—	13b,15b								
		3	600			25	21a,22a,23a								
SEP	15-150	2	480	200	100	—	16a								
		3	600			25	16a,23a								

#### SF250 Current Limiting (UL File No. E-11592; CSA LR 40350) ①

SFH ②	70-250	2	480	65	35	—	13b	10.12 (257)	4.12 (105)	3.81 (97)	3.87 (98)	3.87 (98)	.69 (18)	1.19 (30)	9.15 lb/ 1
		3	600			22	20a,22a								
SFL	70-250	2	480	100	65	—	13b								
		3	600			25	21a,23a								
SFP	70-250	2	480	200	100	—	16a								
		3	600			25	16a,23a								

#### SG600 Current Limiting (UL File No. E-11592; CSA LR 40350) ④

SGH1 ② ③	60-150	3	600	65	35	25	21a,23a	10.09 (256)	5.50 (140)	3.81 (97)	4.45 (113)	3.30 (84)	.91 (23)	1.18 (30)	15.85 lb/ 1
SGD ②	125-400	2	240	65	—	—	14b								
		3	600				14b								
SGH4 ②	125-400	2	600	65	35	25	21a,23a								
		3	600				21a,23a								
SGH6 ②	250-600	2	600	65	35	25	23a								
		3	600				23a								
SGL1 ③	60-150	3	600	100	65	65	23a								
SGP1 ③		3	600	200	100	65	23a								
SGL4	125-400	2	600	100	65	65	23a								
		3	600				23a								
SGP4	125-400	2	600	200	100	65	23a								
		3	600				23a								
SGL6	250-600	2	600	100	65	65	24a								
		3	600				24a								
SGP6	250-600	2	600	200	100	65	25a								
		3	600				25a								

#### SK1200 (UL File No. E-11592; CSA LR 40350) ④

SKH8	300-800	2	600	65	50	25	21a,23a	15.50 (394)	8.25 (210)	5.50 (140)	8.56 (217)	5.69 (145)	1.38 (35)	.62 (16)	47.6 lb/ 1
		3													
SKL8	300-800	2	600	100	65	42	24a								
		3					24a								
SKP8	300-800	2	600	200	100	65	25a								
		3					25a								
SKH12	600-1200	2	600	65	50	25	21a,23a								
		3													
SKL12	600-1200	2	600	100	65	42	24a								
		3					24a								
SKP12	600-1200	2	600	200	100	65	25a								
		3					25a								

UL listed as HACR type.

② Not current-limiting circuit breaker.

③ MicroVersaTrip Plus™ Trip Units and MicroVersaTrip PM™ Trip Units only.

④ Includes MicroVersaTrip Plus Trip Units and MicroVersaTrip PM Trip Units.

⑤ Add 1.76 inches (45mm) to each end with lugs and lug cover installed.

⑥ Add 4.00 inches (101mm) to upper end for SKP (100 kAIC-480V) lug cover.



# Spectra RMS™ Circuit Breakers with MicroVersaTrip Plus™ Trip Units

## Features

### MicroVersaTrip Plus Trip Units Standard

- 3-phase Ammeter with  $\pm 4\%$  accuracy.
- Adjustable Long Time (L) pickup, 0.5-1.0X, and delay (3-4 bands).
- Adjustable Instantaneous (I) pickup, 1.5-10X.
- Local Overload and Short Circuit Trip Indicators (T) with overload pickup warning.
- Interchangeable trip rating plugs with test set jack for TVRMS test set.
- Digital LCD display with four-button keypad for function selection and set point adjustment and sealable, clear Lexan® cover for tamper-resistant settings.
- True rms sensing for accurate response to high harmonic content waveforms.
- EMI immunity per ANSI C37.90.

### Optional

- Adjustable Short-Time (S) pickup, 1.0-9.0C, and delay (4 bands) with I<sup>2</sup>t IN/OUT selection.
- Adjustable Ground fault (G) pickup, 0.2-1.0S, and delay (4 bands) with I<sup>2</sup>t IN/OUT selection and trip indicator. The 4 short-time and ground fault delay bands provide broader system selectivity.
- **World Standards**—Frames rated to UL, CSA, IEC 947-2, and JIS.

- **Universal Internal Accessories**—Uses the same front-mounted, field-installable shunt trips, undervoltage releases, bell alarms, and auxiliary switches as standard Spectra RMS™ breakers.
- **Accessory Lead Routing Left or Right**—Side channels mean no extra space required for accessory leads.
- **Current Limiting**—SG600 frames rated 65kA and 100kA @ 480 Vac are UL listed as current limiting.
- **Reverse Feed**—Front-mounted interchangeable rating plugs mean all frames are UL listed for reverse feed.
- **Wide Current Setting Range**—Interchangeable rating plugs combined with 5 current sensors and 0.5-1.0X long time pickup yield ampere ratings from 30 to 1200A.
- **100% Continuous Current Rated**—Optionally available for 100% UL continuous current rating applications.
- **Control Power 24 Vdc**—Provides connection capability for +24 Vdc control power into the breaker via the distribution cable system.



SG Frame with MicroVersaTrip Plus Trip Unit

## MicroVersaTrip Plus Trip Unit Characteristics ①

Current Setting (C) (Pick-Up) (Multiple of Rating Plug Amps) (X)	Long-Time ②	Short-Time		Adjustable Instantaneous Pick-Up (Multiple of Rating Plug Amps) (X)	Ground Fault	
	Delay (Seconds)	Pick-Up (Multiple of Current Setting) (C)	Delay (Seconds)		Pick-Up (Multiple of Sensor Amp Rating) (S)	Delay (Seconds)
0.50 to 1.0 in increments of 0.05	2,4,4.9,9,8,20 ③ ④	1.5 to 9.0 in increments of 0.5	Pt in: ④ .44  Pt out: ⑤ .10, .20, .30, .40	1.5 to 10.0 in increments of 0.5	.20 to 1.00 in increments of .05	Pt in: ⑤ .41  Pt out: ⑤ .10, .20, .30, .40

**X = Rating Plug Amps**  
**S = Sensor Amp Rating**  
**C = Long-Time Current Settings (Pick-Up)**

- ① Contact local GE Industrial Systems Sales Office for use on 400 Hz applications.
- ② Pick-up fixed at 1.1C.
- ③ 20 second delay (band) not available on SG frames.

- ④ Time delay at 600% of current setting at lower limit of each band.
- ⑤ Time delay at 200% of pick-up setting at lower limit of band.

- ⑥ Time delay shown at lower limit of each band. Pick-up tolerances  $\pm 10\%$ . Ground fault pick-up not to exceed 1200 amps.

4 MOLDED CASE CIRCUIT BREAKERS



## GE Molded Case Circuit Breakers

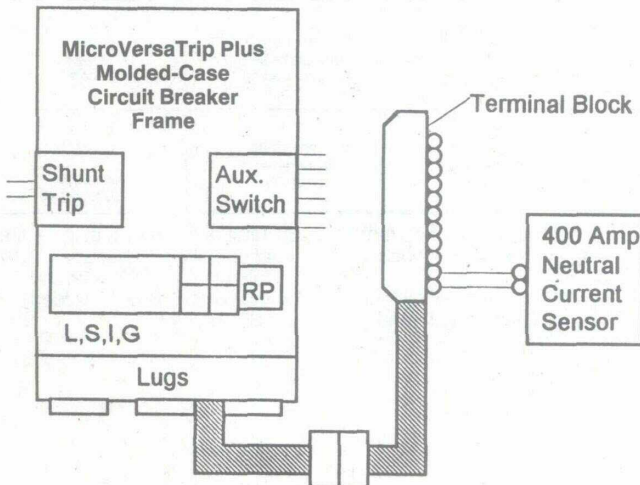
# Spectra RMS™ Circuit Breakers with MicroVersaTrip Plus™ Trip Units

### How To Order:

- Determine the required breaker frame (i.e., 150, 400, 600, 800, or 1200 amperes), IC rating, and load requirements (UL Standard or 100%). Determine overcurrent protective functions (LI, LSI, LIG, LSIG). Select frame catalog number and list price from table on page 4-27.
- Select and price the required rating plug from table below. The sensor rating of frame must match the sensor rating of the rating plug in table.
- Select and price lugs and lug covers as required from page 4-63.
- Select and price appropriate combination of Distribution Cable System accessories from pages 4-32 to 4-34.
- Select and price any other accessories from page 4-35 and 4-47 to 4-65.
- When ordering, specify separate catalog numbers as follows:
  - Frame
  - Rating Plug
  - Lugs
  - Distribution Cable Accessories
  - Other Accessories

### Trip Function Definitions

Long-Time (L)	Adjustable current setting Adjustable long-time delay
Short-Time (S)	Adjustable short-time pick-up Adjustable short-time delay with I <sub>t</sub> Adjustable short-time delay without I <sub>t</sub>
Instantaneous (I)	Adjustable pick-up
Ground Fault (G)	Adjustable ground fault pick-up Adjustable ground fault delay with I <sub>t</sub> Adjustable ground fault delay without I <sub>t</sub>
Trip Indication Targets	Standard
Control Power (CP)	+24 Vdc control power connection



**NOTE:** All Spectra RMS™ breakers with ground fault option will have a breaker cable. **If the breaker is connected to a 3Φ4w or 1Φ3w service,** a terminal block or junction box is required for connection to the neutral current sensor.

### Pricing Example

SG600 frame, 400 ampere sensor, 400 ampere rating plug, 100 kAIC, 100% rated. Trip functions to include long-time (L), short-time (S), instantaneous (I), and ground fault. 3-phase/4-wire system with 400 ampere neutral sensor. Load lugs only. 120 Vac shunt trip and two stage auxiliary switch (2AB) with signal level contacts.

Description	Catalog Number	List Price, GO-135S
Frame	SGPP36BD0400	\$8987.00
Rating Plug	SRPG400B400	106.00
Load Lugs (3 pole kit)	TCLK365	42.00
Terminal Block	SDCTBA11	110.00 <sup>⓪</sup>
400A neutral sensor	TSRG204	532.00
120 Vac Shunt Trip	SAST1	363.00
2AB Aux. Switch	SAUXGAB2	295.00

### ⓪ GO-135PM

### MicroVersaTrip Plus™ Rating Plug Selection—All Plugs List Price, \$106.00, GO-135S

Circuit Breaker Frame	Sensor Rating (Amperes)	Rating Plug Rating (Amperes)	Rating Plug Cat. No.
SGHB, SGHH, SGLB, SGLL, SGPB, SGPP	150	60	SRPG150B60
		80	SRPG150B80
		100	SRPG150B100
		125	SRPG150B125
	400	150	SRPG400B150
		200	SRPG400B200
		225	SRPG400B225
		250	SRPG400B250
		300	SRPG400B300
		350	SRPG400B350
		400	SRPG400B400
		600	300
400	SRPG600B400		
450	SRPG600B450		
500	SRPG600B500		
SKHB, SKHH, SKLB, SKLL, SKPB, SKPP	800	600	SRPK800B600
		700	SRPK800B700
		800	SRPK800B800
		600	SRPK1200B600
	1200	700	SRPK1200B700
		800	SRPK1200B800
		1000	SRPK1200B1000
		1200	SRPK1200B1200