

Molded Case Circuit Breakers Industrial Circuit Breakers

125-600A Circuit Breakers

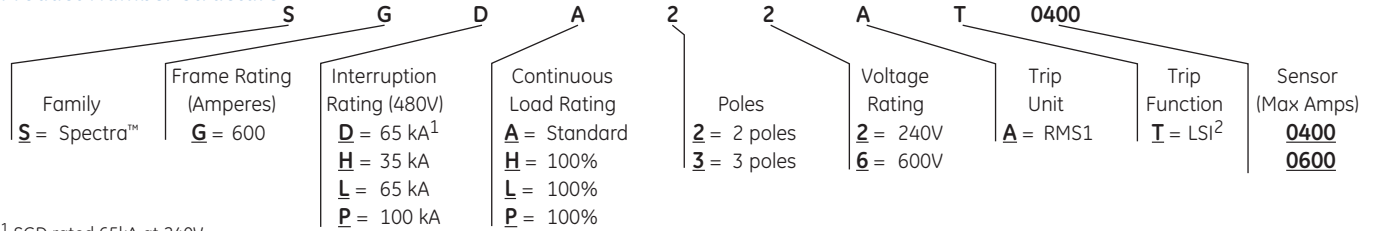
Electronic Trip

Spectra™ RMS

SG600

Digital, Solid-State Spectra™ RMS Breakers

Product Number Structure



¹ SGD rated 65kA at 240V.

² Adjustable 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).

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

SGD, SGH; UL/CSA: 400A, 600 Vac Max., IEC 947-2: 400A, 690 Vac Max.

Rating Plug				Frame				Terminal Lugs for Front Connection (Cu/Al)	
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	Current Sensor	Poles	UL 489 IC @480 Vac	UL 489 IC @480 Vac	Product Number	Wire Range
	Low	High				65kA (240 Vac)	35kA		
125	380	1275	SRPG400A125	400	2	SGDA22AT0400 ³	SGHA26AT0400	2-pole lug kit TCLK265 ⁴	(2) 2/0-500 Cu or (1) 8-600 Cu
150	455	1530	SRPG400A150						
175	530	1785	SRPG400A175						
200	605	2040	SRPG400A200						
225	680	2295	SRPG400A225		3	SGDA32AT0400 ³	SGHA36AT0400	3-pole lug kit TCLK365 ⁴	(2) 2/0-500 Al or (1) 8-600 Al
250	755	2550	SRPG400A250						
300	905	3060	SRPG400A300						
350	1060	3570	SRPG400A350						
400	1210	4080	SRPG400A400						

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

SGL, SGP⁵; UL/CSA: 400A, 600 Vac Max., IEC 947-2: 400A, 690 Vac Max.

Rating Plug				Frame				Terminal Lugs for Front Connection (Cu/Al)	
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	Current Sensor	Poles	UL 489 IC @480 Vac	UL 489 IC @480 Vac	Product Number	Wire Range
	Low	High				65kA	100kA		
125	380	1275	SRPG400A125	400	2	SGLA26AT0400	SGPA26AT0400	2-pole lug kit TCLK265 ⁴	(2) 2/0-500 Cu or (1) 8-600 Cu
150	455	1530	SRPG400A150						
175	530	1785	SRPG400A175						
200	605	2040	SRPG400A200						
225	680	2295	SRPG400A225		3	SGLA36AT0400	SGPA36AT0400	3-pole lug kit TCLK365 ⁴	(2) 2/0-500 Al or (1) 8-600 Al
250	755	2550	SRPG400A250						
300	905	3060	SRPG400A300						
350	1060	3570	SRPG400A350						
400	1210	4080	SRPG400A400						

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

SGH, SGL⁵; UL/CSA: 600A, 600 Vac Max., IEC 947-2: 630A, 690 Vac Max.

Rating Plug				Frame				Terminal Lugs for Front Connection (Cu/Al)	
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	Current Sensor	Poles	UL 489 IC @480 Vac	UL 489 IC @480 Vac	Product Number	Wire Range
	Low	High				35kA	65kA		
250	765	2530	SRPG600A250	600	2	SGHA26AT0600	SGLA26AT0600	2-pole lug kit TCLK265 ⁴	(2) 2/0-500 Cu or (1) 8-600 Cu
300	915	3035	SRPG600A300						
350	1070	3545	SRPG600A350						
400	1220	4050	SRPG600A400						
450	1375	4555	SRPG600A450		3	SGHA36AT0600	SGLA36AT0600	3-pole lug kit TCLK365 ⁴	(2) 2/0-500 Al or (1) 8-600 Al
500	1525	5060	SRPG600A500						
600	1830	6075	SRPG600A600						

³Rated 240 Vac max.

⁴Order one kit for either line or load end; two kits required for both.

⁵SGL, SGP UL current limiting.

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



Molded Case Circuit Breakers

Industrial Circuit Breakers

Section 6

125-600A Circuit Breakers

Electronic Trip

Spectra™ RMS

SG600

Digital, Solid-State Spectra™ RMS Breakers

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

[SGP²; UL/CSA: 600A, 600 Vac Max., IEC 947-2: 630A, 690 Vac Max.](#)

Rating Plug				Frame			Terminal Lugs for Front Connection (Cu/Al)	
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	UL 489 IC @480 Vac			Product Number	Wire Range
	Low	High		Current Sensor	Poles	Product Number		
250	765	2530	SRPG600A250	600	2	SGPA26AT0600	2-pole lug kit TCLK265 ¹	(2) 2/0-500 Cu or (1) 8-600 Cu
300	915	3035	SRPG600A300					
350	1070	3545	SRPG600A350					
400	1220	4050	SRPG600A400					
450	1375	4555	SRPG600A450					
500	1525	5060	SRPG600A500					
600	1830	6075	SRPG600A600	3	SGPA36AT0600	3-pole lug kit TCLK365 ¹	(2) 2/0-500 Al or (1) 8-600 Al	

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

[SGH, SGL²; 100% UL Rated, 3-Pole: 400A, 600 Vac Max.; IEC 947-2: 400A, 690 Vac Max.](#)

Rating Plug				Frame				Terminal Lugs for Front Connection (Cu/Al)	
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	UL 489 IC @480 Vac		UL 489 IC @480 Vac		Product Number	Wire Range
	Low	High		Current Sensor	Poles	35kAIC Product Number	65kAIC Product Number		
125	380	1275	SRPG400A125	400	3	SGHH36AT0400	SGLL36AT0400	TCLK365 ¹	(2) 2/0-500 Cu or (1) 8-600 Cu
150	455	1530	SRPG400A150						
175	530	1785	SRPG400A175						
200	605	2040	SRPG400A200						
225	680	2295	SRPG400A225						
250	755	2550	SRPG400A250						
300	905	3060	SRPG400A300						
350	1060	3570	SRPG400A350						
400	1210	4080	SRPG400A400						

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

[SGP²; 100% UL Rated, 3-Pole: 400A, 600 Vac Max.; IEC 947-2: 400A, 690 Vac Max.](#)

Rating Plug				Frame			Terminal Lugs for Front Connection (Cu/Al)	
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	UL 489 IC @480 Vac			Product Number	Wire Range
	Low	High		Current Sensor	Poles	Product Number		
125	380	1275	SRPG400A125	400	3	SGPP36AT0400	TCLK365 ¹	(2) 2/0-500 Cu or (1) 8-600 Cu
150	455	1530	SRPG400A150					
175	530	1785	SRPG400A175					
200	605	2040	SRPG400A200					
225	680	2295	SRPG400A225					
250	755	2550	SRPG400A250					
300	905	3060	SRPG400A300					
350	1060	3570	SRPG400A350					
400	1210	4080	SRPG400A400					

¹Order one kit for either line or load end; two kits required for both.

²SGL, SGP UL current limiting.

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

All Spectra™ breakers marked CE.

SG600 Reference Publications

Spectra™ RMS Molded Case Circuit Breaker

Accessories - Cable Operators

DEH-40467



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125-600A Circuit Breakers

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Digital, Solid-State Spectra™ RMS Breakers

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

SGH, SGL¹; 100% UL Rated, 3-Pole: 600A, 600 Vac Max.; IEC 947-2: 630A, 690 Vac Max.

Rating Plug				Frame				Terminal Lugs for Front Connection (Cu/Al)	
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	Current Sensor	Poles	UL 489 IC @480 Vac		Product Number	Wire Range
	Low	High				35kAIC Product Number	65kAIC Product Number		
250	765	2530	SRPG600A250	600	3	SGHH36AT0600	SGLL36AT0600	TCLK365 ¹	(2) 2/0-500 Cu or (1) 8-600 Cu
300	915	3035	SRPG600A300						
350	1070	3545	SRPG600A350						
400	1220	4050	SRPG600A400						
450	1375	4555	SRPG600A450						
500	1525	5060	SRPG600A500						
600	1830	6075	SRPG600A600						

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

SGP²; 100% UL Rated, 3-Pole: 600A, 600 Vac Max.; IEC 947-2: 630A, 690 Vac Max.

Rating Plug				Frame				Terminal Lugs for Front Connection (Cu/Al)	
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	Current Sensor	Poles	UL 489 IC @480 Vac		Product Number	Wire Range
	Low	High				100kAIC Product Number			
250	765	2530	SRPG600A250	600	3	SGPP36AT0600		TCLK365 ¹	(2) 2/0-500 Cu or (1) 8-600 Cu
300	915	3035	SRPG600A300						
350	1070	3545	SRPG600A350						
400	1220	4050	SRPG600A400						
450	1375	4555	SRPG600A450						
500	1525	5060	SRPG600A500						
600	1830	6075	SRPG600A600						

¹Order one kit for either line or load end; two kits required for both.

²SGL, SGP UL current limiting.

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

All Spectra™ breakers marked CE.

SG600 Reference Publications

STDA Flange Handle	GEH-5314
Rating Plug	GEH-5549
Shunt Trip and Undervoltage Release	GEH-5551
Auxiliary Switch and Bell Alarm	GEH-5593
TDM Operating Mechanism	GEH-5653
TDR Operating Mechanism	GEH-5654
Plug-in Mounting Base	GEH-5655
Motor Operator	GEH-5657
Spectra™ RMS Molded Case Circuit Breaker	
Accessories - Door Ring Interlock Catch Kits	GEH-5662
Spectra™ G-Frame Installation Instruction	GEH-5663
Spectra™ RMS Molded Case Circuit Breaker	
Accessories - Trip Unit Covers	GEH-5664
Back Connected Studs	GEH-5665
STDA Operating Mechanism	GEH-5684
Mechanical Interlock	GEH-5697
Spectra™ RMS Molded Case Circuit Breaker	
Accessories - MVT & MVT Plus PM Rating Plugs	GEH-5887
Cable Operator Mechanism	GEH-6290
Spectra™ RMS Molded Case Circuit Breaker	
Accessories - Lugs	GEJ-3052
SG600 Outline Drawing	208C1549SH1, 2, 3



Molded Case Circuit Breakers Motor Circuit Protectors

Section 6

125-1200A

Mag-Break Motor Circuit Protectors

Current Limiting, UL Component Recognized¹

SG 600 Line 3-Pole

Rating Plug			Frame			Terminal Lugs for Front Connection (Cu/Al)		
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	Current Sensor	65kAIC @480 Vac	100kAIC @480 Vac	Product Number	Wire Range
	Low	High			Product Number	Product Number		
400 Ampere Max.								
125	380	1275	SRPG400A125	400	SGLA36AI0400	SGPA36AI0400	TCLK365 ²	(2) 2/0-500 Cu or (1) 8-600 Cu
150	455	1530	SRPG400A150					
175	530	1785	SRPG400A175					
200	605	2040	SRPG400A200					
225	680	2295	SRPG400A225					
250	755	2550	SRPG400A250					
300	905	3060	SRPG400A300					
350	1060	3570	SRPG400A350					
400	1210	4080	SRPG400A400					
600 Ampere Max.								
250	765	2530	SRPG600A250	600	SGLA36AI0600	SGPA36AI0600	TCLK365 ²	(2) 2/0-500 Cu or (1) 8-600 Al
300	915	3035	SRPG600A300					
350	1070	3545	SRPG600A350					
400	1220	4050	SRPG600A400					
450	1375	4555	SRPG600A450					
500	1525	5060	SRPG600A500					
600	1830	6075	SRPG600A600					

¹Per UL 489, interruption ratings are not printed on the product label (interruption ratings are established based on a tested combination of the motor circuit protector and a properly sized overload relay and contactor).

²Order one kit for either the line or load end; two kits required for both.

SK1200 Line (Not Current Limiting) 3-Pole

Rating Plug			Frame			Terminal Lugs for Front Connection (Cu/Al)		
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	Current Sensor	65kAIC @480 Vac	Product Number	Wire Range	
	Low	High			Product Number			
800 Ampere Max.								
300	940	3015	SRPK800A300	800	SKLA36AI0800	TCAL81	(3) 3/0-500 Cu	
400	1250	4015	SRPK800A400					
500	1570	5020	SRPK800A500					
600	1875	6195	SRPK800A600					
700	2155	7420	SRPK800A700					
800	2440	8705	SRPK800A800					
1200 Ampere Max.								
600	1825	6110	SRPK1200A600	1200	SKLA36AI1200	TCAL125	(4) 250-500 Cu	
700	2125	7125	SRPK1200A700					
800	2430	8145	SRPK1200A800					
100	3040	10180	SRPK1200A1000					
1200	3650	12215	SRPK1200A1200					

Accessories: See pages 6-39 to 6-44, 6-67 to 6-69 and 6-97 to 6-109.

Standard Capacity Mag Break Motor Circuit Protectors—Type TJC 3-Pole

Ampere Rating	Adjustable Instantaneous Trip Ampere Range		30kAIC @480 Vac Complete Breaker (includes line and load lugs)	
	Low	High	Product Number	
400	330	1100	TJC36400E	
	550	1670	TJC36400F	
	1000	3300	TJC36400G	
	1200	4000	TJC36400B	
600	1000	3300	TJC36600G	
	1800	6000	TJC36600H	

