

Spectra™ RMS

SG600 Frame

125-600A Circuit Breakers

Electronic Trip (Digital, Solid State)

Suitable for Reverse Feed

UL/cUL File E-11592

¹SGD rated 65kA at 240V.²Adjustable 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).

Product Number Structure

S		G		D		A		2		2		A		T		0400	
Family																	
S = Spectra™																Sensor (Max Amps)	
																0400	
Frame Rating (Amperes)																	
G = 600																Trip Function	
																T = LSI ²	
Interruption Rating (480V)																	
D = 65 kA ¹																Trip Unit	
H = 35 kA																A = RMS1	
Continuous Load Rating																Voltage Rating	
A = Standard																2 = 240V	
H = 100%																6 = 600V	
																Poles	
																2 = 2 poles	
																3 = 3-poles	

SGD; 400A, 240 Vac Max., (IEC 947-2: 400A, 690 Vac Max.)

Rating Plug				Frame			Terminal Lugs for Front Connection (Cu/Al)	
				240 Vac				
Ampere Rating	Adjustable Instantaneous Trip Range Amps		Product Number	Current Sensor	65kA		Product ⁴ Number	Wire Range
	Low	High			Poles	Product Number		
125	380	1275	SRPG400A125	400	2	SGDA22AT0400 ³	2-pole lug kit TCLK265	(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	3-pole lug kit TCLK365	(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					

SGH, SGL, SGP⁵; 400A, 600 Vac Max., (IEC 947-2: 400A, 690 Vac Max.)

Rating Plug				Frame					Terminal Lugs for Front Connection (Cu/Al)	
				UL 489 IC @ 480 Vac						
Ampere Rating	Adjustable Instantaneous Trip Range Amps		Product Number	Current Sensor	Poles	35kA	65kA	100kA	Product ⁴ Number	Wire Range
	Low	High				Product Number	Product Number	Product Number		
	125	380			1275	SRPG400A125	400	2		
150	455	1530	SRPG400A150							
175	530	1785	SRPG400A175							
200	605	2040	SRPG400A200							
225	680	2295	SRPG400A225	3	SGHA36AT0400	SGLA36AT0400		SGPA36AT0400	3-pole lug kit TCLK365	(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							

SGH, SGL⁵, SGP⁵; 600A, 600 Vac Max., (IEC 947-2: 630A, 690 Vac Max.)

Rating Plug				Frame					Terminal Lugs for Front Connection (Cu/Al)	
				UL 489 IC @ 480 Vac						
Ampere Rating	Adjustable Instantaneous Trip Range Amps		Product Number	Current Sensor	Poles	35kA	65kA	100kA	Product ⁴ Number	Wire Range
	Low	High				Product Number	Product Number	Product Number		
250	765	2530	SRPG600A250	600	2	SGHA26AT0600	SGLA26AT0600	SGPA26AT0600	2-pole lug kit TCLK265	(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	SGPA36AT0600	3-pole lug kit TCLK365	(2) 2/0-500 Al or (1) 8-600 Al
500	1525	5060	SRPG600A500							
550	1675	5595	SRPG600A550							
600	1830	6075	SRPG600A600							

¹Rated 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.

SG600 Frame, 100% Rated
125-600A Circuit Breakers
Electronic Trip (Digital, Solid State)
Suitable for Reverse Feed
UL/cUL File E-11592

Rating Plug				Frame					Terminal Lugs for Front Connection (Cu/Al)	
				UL 489 IC @ 480 Vac					Product ¹ Number	Wire Range
Ampere Rating	Adjustable Instantaneous Trip Range Amps		Product Number	Current Sensor	Poles	35kA	65kA	100kA		
	Low	High				Product Number	Product Number	Product Number		
125	380	1275	SRPG400A125	400	3	SGHH36AT0400	SGLL36AT0400	SGPP36AT0400	TCLK365	(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							(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							

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

Rating Plug				Frame					Terminal Lugs for Front Connection (Cu/Al)	
				UL 489 IC @ 480 Vac					Product ¹ Number	Wire Range
Ampere Rating	Adjustable Instantaneous		Product Number	Current Sensor	Poles	35kA	65kA	100kA		
	Trip Range Amps					Product Number	Product Number	Product Number		
	Low	High								
250	765	2530	SRPG600A250	600	3	SGHH36AT0600	SGLL36AT0600	SGPP36AT0600	TCLK365	(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							(2) 2/0-500 Al (1) 8-600 Al
600	1830	6075	SRPG600A600							

Motor Circuit Protectors

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	3-Pole lug kit TCLK365 ²	(2) 2/0-500 Cu or (1) 8-600 Cu (2) 2/0-500 Al or (1) 8-600 Al
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	3-Pole lug kit TCLK365 ²	(2) 2/0-500 Cu or (1) 8-600 Cu (2) 2/0-500 Al 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 (3) 3/0-500 Al
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 (4) 250-500 Al
700	2125	7125	SRPK1200A700				
800	2430	8145	SRPK1200A800				
1000	3040	10180	SRPK1200A1000				
1200	3650	12215	SRPK1200A1200				

Accessories: See pages 6-69 to 6-73, 6-192 to 6-193, and 6-207 to 6-219.

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