

# Molded Case Circuit Breakers Industrial Circuit Breakers

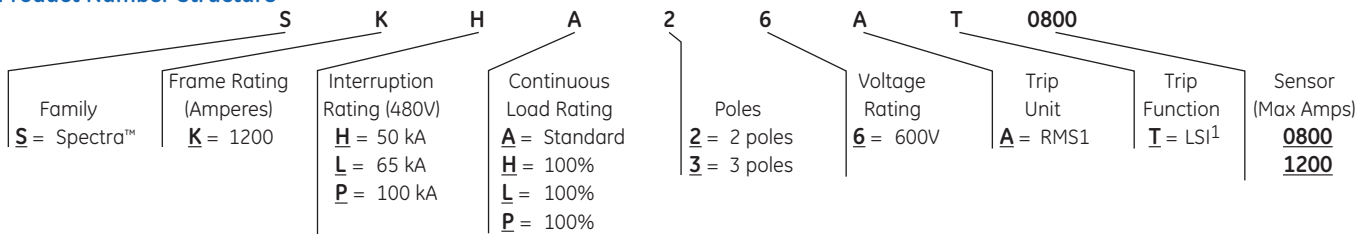
## Section 6

300-1200A Circuit Breakers

Electronic Trip

Spectra™ RMS

### Product Number Structure



<sup>1</sup>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).

### SK1200 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350, UL/CSA: 800A, 600 Vac Max., IEC 947-2:800A 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				50kA	65kA		
300	940	3015	SRPK800A300	800	2	SKHA26AT0800	SKLA26AT0800	TCAL81	(3) 3/0-500 Cu
400	1255	4015	SRPK800A400			SKHA26AT0800	SKLA26AT0800		
500	1570	5020	SRPK800A500		3	SKHA36AT0800	SKLA36AT0800		(3) 3/0-500 Al
600	1875	6195	SRPK800A600			SKHA36AT0800	SKLA36AT0800		
700	2155	7420	SRPK800A700			SKHA36AT0800	SKLA36AT0800		
800	2440	8705	SRPK800A800			SKHA36AT0800	SKLA36AT0800		

### SK1200 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350, UL/CSA: 800A, 600 Vac Max., IEC 947-2:800A 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				100kA	Product Number		
300	940	3015	SRPK800A300	800	2	SKPA26AT0800		TCAL81	(3) 3/0-500 Cu
400	1255	4015	SRPK800A400			SKPA26AT0800			
500	1570	5020	SRPK800A500		3	SKPA36AT0800			(3) 3/0-500 Al
600	1875	6195	SRPK800A600			SKPA36AT0800			
700	2155	7420	SRPK800A700			SKPA36AT0800			
800	2440	8705	SRPK800A800			SKPA36AT0800			

### SK1200 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350, UL/CSA: 1200A, 600 Vac Max., IEC 947-2: 1250A, 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				50kA	65kA		
600	1825	6110	SRPK1200A600	1200	2	SKHA26AT1200	SKLA26AT1200	TCAL125	(4) 250-500 Cu
700	2125	7125	SRPK1200A700			SKHA26AT1200	SKLA26AT1200		
800	2430	8145	SRPK1200A800		3	SKHA36AT1200	SKLA36AT1200		(4) 250-500 Al
900	2735	9160	SRPK1200A900			SKHA36AT1200	SKLA36AT1200		
1000	3040	10180	SRPK1200A1000			SKHA36AT1200	SKLA36AT1200		
1200	3650	12215	SRPK1200A1200			SKHA36AT1200	SKLA36AT1200		

### SK1200 Line, Suitable for Reverse Feed, UL File E-11592, CSA LR 40350, UL/CSA: 1200A, 600 Vac Max., IEC 947-2: 1250A, 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				100kA	Product Number		
600	1825	6110	SRPK1200A600	1200	2	SKPA26AT1200		TCAL125	(4) 250-500 Cu
700	2125	7125	SRPK1200A700			SKPA26AT1200			
800	2430	8145	SRPK1200A800		3	SKPA36AT1200			(4) 250-500 Al
900	2735	9160	SRPK1200A900			SKPA36AT1200			
1000	3040	10180	SRPK1200A1000			SKPA36AT1200			
1200	3650	12215	SRPK1200A1200			SKPA36AT1200			

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

All Spectra™ breakers marked CE.



# Molded Case Circuit Breakers

## Industrial Circuit Breakers

300-1200A Circuit Breakers  
Electronic Trip  
Spectra™ RMS

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

100% UL Rated, 3-Pole: 800A, 600 Vac Max.; IEC 947-2: 800A, 690 Vac Max.

Rating Plug				Frame				
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	UL 489 IC @480 Vac		UL 489 IC @480 Vac	UL 489 IC @480 Vac	
	Low	High		50kA	65kA	100kA		
			Current Sensor	Poles	Product Number	Product Number	Product Number	
300	940	3015	SRPK800A300	800	3	SKHH36AT0800	SKLL36AT0800	SKPP36AT0800
400	1255	4015	SRPK800A400					
500	1570	5020	SRPK800A500					
600	1875	6195	SRPK800A600					
700	2155	7420	SRPK800A700					
800	2440	8705	SRPK800A800					

### Terminal Lugs for Front Connection (Cu/Al)

Product Number	Wire Range
TCAL81	(3) 3/0-500 Cu
	(3) 3/0-500 Al

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

100% UL Rated, 3-Pole: 1200A, 600 Vac Max.; IEC 947-2: 100A, 690 Vac Max.

Rating Plug				Frame				
Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Product Number	UL 489 IC @480 Vac		UL 489 IC @480 Vac	UL 489 IC @480 Vac	
	Low	High		50kA	65kA	100kA		
			Current Sensor	Poles	Product Number	Product Number	Product Number	
600	1825	6110	SRPK1200A600	1200	3	SKHH36AT1000	SKLL36AT1000	SKPP36AT1000
700	2125	7125	SRPK1200A700					
800	2430	8145	SRPK1200A800					
900	2735	9160	SRPK1200A900					
1000	3040	10180	SRPK1200A1000					
1200	3650	12215	SRPK1200A1200					
					3	SKHH36AT1200 <sup>1</sup>	SKLL36AT1200 <sup>1</sup>	SKPP36AT1200 <sup>1</sup>

### Terminal Lugs for Front Connection (Cu/Al)

Product Number	Wire Range
TCAL125	(4) 250-500 Cu
	(4) 250-500 Al

<sup>1</sup>100% UL rated SK1200 supplied with back-connected assembly which increases breaker depth. Refer to outline drawings for details. Lugs not required

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

### SK1200 Reference Publications

Plug-in Mounting Base	GEH-4342
STDA Flange Handle	GEH-5314
Rating Plug	GEH-5549
Shunt Trip and Undervoltage Release	GEH-5551
Spectra™ K-Frame Installation Instruction	GEH-5592
Auxiliary Switch and Bell Alarm	GEH-5593
Spectra™ RMS Molded Case Circuit Breaker Accessories - Mounting of integral handle	GEH-5610
Spectra™ RMS Molded Case Circuit Breaker Accessories - Type TDM operating handle	GEH-5612
Motor Operator	GEH-5614
Spectra™ RMS Molded Case Circuit Breaker Accessories - Handle Extension	GEH-5648
Spectra™ RMS Molded Case Circuit Breaker Accessories - Trip Unit Covers	GEH-5664
STDA Operating Mechanism	GEH-5684
Spectra™ RMS Molded Case Circuit Breaker Accessories - Lug Shields for SKP	GEH-5685
Spectra™ RMS Molded Case Circuit Breaker Accessories - Face Mounted Interlock	GEH-5698
Spectra™ RMS Molded Case Circuit Breaker Accessories - Lug Shields for SK1200	GEH-5699
Spectra™ RMS Molded Case Circuit Breaker Accessories - Coupling TDM operating mechanisms	GEH-5873
Mechanical Interlock	GEH-5874
Padlocking Device - Standard	GEH-5877
Spectra™ RMS Molded Case Circuit Breaker Accessories - MVT & MVT Plus PM Rating Plugs	GEH-5887
Cable Operator Mechanism	GEH-6291
Back Connected Studs	GEJ-3619
SK1200 Outline Drawings	208C1757SH1
SK1200 Outline Drawings (1200A 100%)	168D1678SH2



# Molded Case Circuit Breakers Motor Circuit Protectors

## Section 6

125-1200A

Mag-Break Motor Circuit Protectors

Current Limiting, UL Component Recognized<sup>1</sup>

### 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		
<b>400 Ampere Max.</b>								
125	380	1275	SRPG400A125	400	SGLA36AI0400	SGPA36AI0400	TCLK365 <sup>2</sup>	(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					
<b>600 Ampere Max.</b>								
250	765	2530	SRPG600A250	600	SGLA36AI0600	SGPA36AI0600	TCLK365 <sup>2</sup>	(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					

<sup>1</sup>Per 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).

<sup>2</sup>Order 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			
<b>800 Ampere Max.</b>								
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					
<b>1200 Ampere Max.</b>								
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	

