

Molded Case Circuit Breakers Industrial Circuit Breakers

Section 6

TF and TK Cross Reference Table

Transition guide – Obsolete TF and TK Molded Case Circuit Breakers, switches and Motor Circuit Protectors to Spectra RMS equivalents. Spectra RMS products are not DC rated. For DC applications, continue use of TJ frame Molded Case Circuit Breakers.

Molded Case Circuit Breakers

F225	AIC	Frame Rating	Trip Unit	Poles	Voltage	Obsolete Product Number	Spectra	AIC	Poles	Voltage	Frame Product Number	Rating Plug Product Number	Lugs Product Number
TFJ	22kA	225A	noninterchangeable	2	480V	TFJ224XXX	SFH	35kA	2	480V	SFHA24AT0250	SRPF250AXXX	(2) TCAL29
	22kA	225A	noninterchangeable	3	600V	TFJ236XXX	SFH	35kA	3	600V	SFHA36AT0250	SRPF250AXXX	(3) TCAL29
TFK	22kA	225A	interchangeable	2	480V	TFK224XXX	SFH	35kA	2	480V	SFHA24AT0250	SRPF250AXXX	(2) TCAL29
	22kA	225A	interchangeable	3	600V	TFK236XXX	SFH	35kA	3	600V	SFHA36AT0250	SRPF250AXXX	(3) TCAL29
THFK	25kA	225A	interchangeable	2	480V	THFK224XXX	SFH	35kA	2	480V	SFHA24AT0250	SRPF250AXXX	(2) TCAL29
	25kA	225A	interchangeable	3	600V	THFK236XXX	SFH	35kA	3	600V	SFHA36AT0250	SRPF250AXXX	(3) TCAL29

Molded Case Circuit Breakers

K1200	AIC	Frame Rating	Trip Unit	Poles	Voltage	Obsolete Product Number	Spectra	AIC	Poles	Voltage	Frame Product Number	Rating Plug Product Number	Lugs Product Number
TKMA	30kA	800A	interchangeable	2	600V	TKMA826XXX	SKHA	50kA	2	600V	SKHA26AT0800	SRPK800AXXX	(2) TCAL81
	30kA	800A	interchangeable	3	600V	TKMA836XXX	SKHA	50kA	3	600V	SKHA36AT0800	SRPK800AXXX	(3) TCAL81
THKMA	35kA	800A	interchangeable	2	600V	THKMA826XXX	SKHA	50kA	2	600V	SKHA26AT0800	SRPK800AXXX	(2) TCAL81
	35kA	800A	interchangeable	3	600V	THKMA836XXX	SKHA	50kA	3	600V	SKHA36AT0800	SRPK800AXXX	(3) TCAL81
TKMA	30kA	1200A	interchangeable	2	600V	TKMA2XXXX	SKHA	50kA	2	600V	SKHA26AT1200	SRPK1200AXXX	(2) TCAL125
	30kA	1200A	interchangeable	3	600V	TKMA3XXXX	SKHA	50kA	3	600V	SKHA36AT1200	SRPK1200AXXX	(3) TCAL125
THKMA	35kA	1200A	interchangeable	2	600V	THKMA2XXXX	SKHA	50kA	2	600V	SKHA26AT1200	SRPK1200AXXX	(2) TCAL125
	35kA	1200A	interchangeable	3	600V	THKMA3XXXX	SKHA	50kA	3	600V	SKHA36AT1200	SRPK1200AXXX	(3) TCAL125

Molded Case Switches

Type	AIC	Frame Rating	Trip Unit	Poles	Voltage	Obsolete Product Number	Spectra	AIC	Poles	Amps	Product Number	Rating Plug Product Number	Lugs Product Number
TFK	N/A	225A	N/A	2	600V	TFK226Y225	SF250	N/A	3	250A	SFDA36AN0250	N/A	(3) TCAL29
TFK	N/A	225A	N/A	3	600V	TFK236Y225	SF250	N/A	3	250A	SFDA36AN0250	N/A	(3) TCAL29
TKM	N/A	800A	N/A	2	600V	TKMA826Y800	SK1200	N/A	3	800A	SKDA36AN0800	N/A	(3) TCAL81
TKM	N/A	800A	N/A	3	600V	TKMA836Y800	SK1201	N/A	3	800A	SKDA36AN0800	N/A	(3) TCAL81
TKM	N/A	1000A	N/A	2	600V	TKMA2Y1000	SK1202	N/A	3	1000A	SKDA36AN1000	N/A	(3) TCAL125
TKM	N/A	1000A	N/A	3	600V	TKMA3Y1000	SK1203	N/A	3	1000A	SKDA36AN1000	N/A	(3) TCAL125
TKM	N/A	1200A	N/A	2	600V	TKMA2Y1200	SK1204	N/A	3	1200A	SKDA36AN1200	N/A	(3) TCAL125
TKM	N/A	1200A	N/A	3	600V	TKMA3Y1200	SK1205	N/A	3	1200A	SKDA36AN1200	N/A	(3) TCAL125

Motor Circuit Protectors

Type	AIC	Frame Rating	Inst Trip Amp Rating	Poles	Voltage	Obsolete Product Number	Spectra	AIC	Poles	Amps	Product Number	Rating Plug Product Number	Lugs Product Number
TF	30kA	225A	600 - 1400	3	N/A	TFC36225	SFLA	65kA	3	250A	SFLA36AI0250	SRPF250AXXX	(3) TCAL29
TF	30kA	225A	100 - 2250	3	N/A	TFC36225A	SFPA	100kA	3	250A	SFPA36AI0250	SRPF250AXXX	(3) TCAL29
TK	30kA	800A	3000 - 6000	3	N/A	TKC36800L	SKLA	65kA	3	800A	SKLA36AI0800	SRPK800AXXX	(3) TCAL81
TK	30kA	800A	5000 - 10000	3	N/A	TKC36800M	SKLA	65kA	3	800A	SKLA36AI0800	SRPK800AXXX	(3) TCAL81
TK	30kA	1200A	3000 - 6000	3	N/A	TKC361200L	SKLA	65kA	3	1200A	SKLA36AI1200	SRPK1200AXXX	(3) TCAL125
TK	30kA	1200A	5000 - 10000	3	N/A	TKC361200M	SKLA	65kA	3	1200A	SKLA36AI1200	SRPK1200AXXX	(3) TCAL125

Legend

XXX = Variable in Product Number changes per application

Spectra RMS Accessories

Description	Product Number
Shunt Trip	SASTX
Auxiliary Switch	SAUXPABX
UV Release	SAUVX
Bell Alarm	SABAP1
Actuator	SACTUATOR



Molded Case Circuit Breakers Motor Circuit Protectors

3-250A

Mag-Break Motor Circuit Protectors

Current Limiting, UL Component Recognized¹

Features

- Suitable for Reverse Feed
- UL Recognized File E-11592
- CSA Certified LR 40350
- IEC 947-2 690 Vac Max.
 - SE 150 160 Ampere Max.
 - SF250 250 Ampere Max.
 - SG600 630 Ampere Max.
 - SK1200 1250 Ampere Max.
- UL Current Limiting

High Interrupting Capacity Spectra™ RMS Motor Circuit Protectors—SE150 Line 3-Pole

Ampere Rating	Rating Plug		Product Number	Current Sensor	Frame		Terminal Lugs for Front Connection (Cu/Al)	
	Adjustable Instantaneous Trip Ampere Range				65kAIC @480 Vac	100kAIC @480 Vac	Product Number	Wire Range
	Low	High			Product Number	Product Number		
3	11	39	SRPE7A3	7	SELA36AI0007	SEPA36AI0007	TCAL18	14-3/0 Cu
7	22	90	SRPE7A7					
15	43	182	SRPE30A15	30	SELA36AI0030	SEPA36AI0030	TCAL18	
20	58	254	SRPE30A20					
25	73	332	SRPE30A25					
30	87	415	SRPE30A30					
40	118	501	SRPE60A40					
50	148	637	SRPE60A50	60	SELA36AI0060	SEPA36AI0060	TCAL18	
60	178	777	SRPE60A60					
70	206	863	SRPE100A70	100	SELA36AI0100	SEPA36AI0100	TCAL18	
80	236	999	SRPE100A80					
90	267	1138	SRPE100A90					
100	297	1280	SRPE100A100					
110	328	1426	SRPE150A110					
125	374	1640	SRPE150A125	150	SELA36AI0150	SEPA36AI0150	TCAL18	
150	450	1991	SRPE150A150					

SE150 Add-on 3-Pole Limiters

Maximum Ampere Rating	Product Number	kAIC @600 Vac	Use With Breaker/MCP Frame
150	SAXSEL36150	65	SEL
150	SAXSEP36150	100	SEP

High Interrupting Capacity Motor Circuit Protectors—SF250 Line 3-Pole

Ampere Rating	Rating Plug		Product Number	Current Sensor	Frame		Terminal Lugs for Front Connection (Cu/Al)	
	Adjustable Instantaneous Trip Ampere Range				65kAIC @480 Vac	100kAIC @480 Vac	Product Number	Wire Range
	Low	High			Product Number	Product Number		
70	205	700	SRPF250A70	250	SFLA36AI0250	SFPA36AI0250	TCAL29	8-350 Cu 8-350 Al
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					

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).

