

# Molded Case Circuit Breakers

## Industrial Circuit Breakers

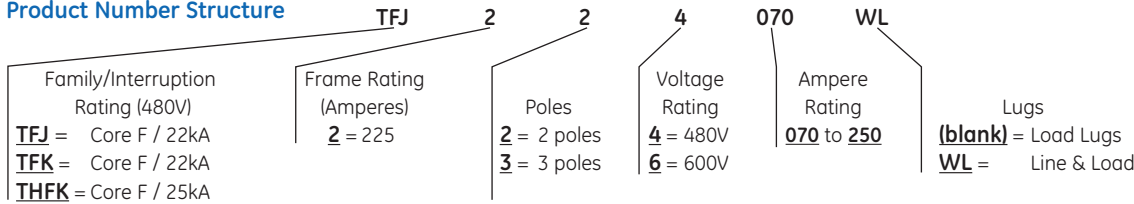
# Section 3

70-250A Circuit Breakers  
 Thermal-Magnetic Trip  
 F225 Line Circuit Breakers  
 Types TFJ, TFK, THFK



Type TFK

### Product Number Structure



Note: This information is provided for interpreting product numbers (it should not be used to build product numbers).

### Type TFJ – Noninterchangeable Trip, includes Cu/Al Line and Load lugs, suitable for reverse feed

Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Complete Breaker 480 Vac Max		Complete Breaker 600 Vac Max		Copper/Aluminum Lugs	Wire Size
	Low	High	Product Number	List Price GO-135LG	Product Number	List Price GO-135LG		
			Two-Pole		Three-Pole			
70	600	900	TFJ224070WL	\$1122.00	TFJ236070WL	\$1407.00		
80	700	1000	TFJ224080WL	\$1122.00	TFJ236080WL	\$1407.00		
90	600	900	TFJ224090WL	\$1122.00	TFJ236090WL	\$1407.00		
100	600	1250	TFJ224100WL	\$1122.00	TFJ236100WL	\$1407.00		
110	660	1250	TFJ224110WL	\$1122.00	TFJ236110WL	\$1407.00		
125	600	1250	TFJ224125WL	\$1122.00	TFJ236125WL	\$1407.00	TCAL24	4-300 Cu/Al
150	700	1500	TFJ224150WL	\$1122.00	TFJ236150WL	\$1407.00		
175	800	1750	TFJ224175WL	\$1122.00	TFJ236175WL	\$1407.00		
200	900	2000	TFJ224200WL	\$1122.00	TFJ236200WL	\$1407.00		
225	1000	2250	TFJ224225WL	\$1122.00	TFJ236225WL	\$1407.00		
250	1000	2250	—	—	TFJ236250WL	\$2075.00	1	1

### Types TFK, THFK – Interchangeable Trip, includes Cu/Al Line and Load lugs, not suitable for reverse feed

Ampere Rating	Adjustable Instantaneous Trip Ampere Range	Complete Circuit Breaker Includes Line and Load Lugs				Trip Unit Only		Frame Only		Terminal Lugs for Front Connection (Copper/Aluminum) <sup>2</sup>		
		Standard		High-Break		Use with Standard and Hi-Break Frames	List Price GO-135LG	Product Number	List Price GO-135LG	Product Number		
		Product Number	List Price GO-135LG	Product Number	List Price GO-135LG					(Order 1 line and 1 load per pole)	List Price GO-135LG	Wire Size
<b>Two-Pole, 480 Vac Max., 250 Vdc Max.</b>												
70	600	900	TFK224070WL	\$1122.00	THFK224070WL	\$2315.00	TFK226T070	\$337.00				
80	700	1000	TFK224080WL	\$1122.00	THFK224080WL	\$2315.00	TFK226T080	\$337.00				
90	600	900	TFK224090WL	\$1122.00	THFK224090WL	\$2315.00	TFK226T090	\$337.00				
100	600	1250	TFK224100WL	\$1122.00	THFK224100WL	\$2315.00	TFK226T100	\$337.00				
110	660	1250	TFK224110WL	\$1122.00	THFK224110WL	\$2315.00	TFK226T110	\$337.00				
125	600	1250	TFK224125WL	\$1122.00	THFK224125WL	\$2315.00	TFK226T125	\$337.00			TCAL24	\$8.00 4-300 Cu/Al
150	700	1500	TFK224150WL	\$1122.00	THFK224150WL	\$2315.00	TFK226T150	\$337.00				
175	800	1750	TFK224175WL	\$1122.00	THFK224175WL	\$2315.00	TFK226T175	\$337.00	THFK224F000	\$1946.00		
200	900	2000	TFK224200WL	\$1122.00	THFK224200WL	\$2315.00	TFK226T200	\$337.00				
225	1000	2250	TFK224225WL	\$1122.00	THFK224225WL	\$2315.00	TFK226T225	\$337.00				
<b>Three-Pole, 600 Vac Max., 250 Vdc Max.</b>												
70	600	900	TFK236070WL	\$1407.00	THFK236070WL	\$2787.00	TFK236T070	\$445.00				
80	700	1000	TFK236080WL	\$1407.00	THFK236080WL	\$2787.00	TFK236T080	\$445.00				
90	600	900	TFK236090WL	\$1407.00	THFK236090WL	\$2787.00	TFK236T090	\$445.00				
100	600	1250	TFK236100WL	\$1407.00	THFK236100WL	\$2787.00	TFK236T100	\$445.00				
110	660	1250	TFK236110WL	\$1407.00	THFK236110WL	\$2787.00	TFK236T110	\$445.00				
125	600	1250	TFK236125WL	\$1407.00	THFK236125WL	\$2787.00	TFK236T125	\$445.00			TCAL24	\$8.00 4-300 Cu/Al
150	700	1500	TFK236150WL	\$1407.00	THFK236150WL	\$2787.00	TFK236T150	\$445.00				
175	800	1750	TFK236175WL	\$1407.00	THFK236175WL	\$2787.00	TFK236T175	\$445.00	THFK236F000	\$2294.00		
200	900	2000	TFK236200WL	\$1407.00	THFK236200WL	\$2787.00	TFK236T200	\$445.00				
225	1000	2250	TFK236225WL	\$1407.00	THFK236225WL	\$2787.00	TFK236T225	\$445.00				
225	600	1400	—	—	—	—	TFK236TM1225 <sup>3</sup>	\$555.00				
Mag Only	1000	2250	—	—	—	—	TFK236TM2225 <sup>3</sup>	\$555.00				

<sup>1</sup>TC024 load end. Wire range #4-300 copper only.

<sup>2</sup>For optional lug see page 3-117.

<sup>3</sup>Not UL listed.

Note: All TFJ, TFK and THFK breakers UL listed as HACR type.

Accessories: See pages 3-40 to 3-46 and 3-108 to 3-120.

### F225 Reference Publications

Trip Unit	GEH-2996
TDR Operating Mechanism	GEH-3018
Mechanical Interlock	GEH-3022
TDM Operating Mechanism	GEH-3023
Motor Operator	GEH-4581
Plug-in Mounting Base	GEH-4610
Bell Alarm and Shunt Trip	GEH-4620
Three Coil Shunt Trip	GEH-4622
Undervoltage Release and Auxiliary Switch	GEH-4653
STDA Flange Handle	GEH-5314
STDA Operating Mechanism	GEH-5317
Back Connected Studs	GEJ-3635
F225 Outline Drawing	455C561SH6

