

Type THLC Current Limiting Circuit Breakers

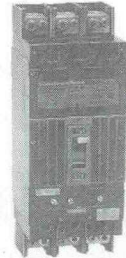
Unfused
15-400 Amperes
200,000 AIC at 240 Volts ac Max.
200,000 AIC at 480 Volts ac Max.
50,000 AIC at 600 Volts ac Max.



Type THLC1



Type THLC2



Type THLC4

Internal Accessories for THLC1

Same as Type TED accessories. Refer to pages 16-19 to 16-32.

Type THLC1

15-150 Amps
Noninterchangeable Trip
Includes Line and Load Lugs

Ampere Rating	3-Pole Catalog Number	List Price, GO-135B	Cu-Al Lug	Wire Range
15	THLC136015WL ①	\$1938.00	TCAL12	#14-3 Cu, 12-1 Al
20	THLC136020WL ①	1938.00		
30	THLC136030WL ①	1938.00		
40	THLC136040WL ①	1938.00		
50	THLC136050WL ①	1938.00		
60	THLC136060WL	1938.00		
70	THLC136070WL	1938.00		
80	THLC136080WL	1938.00		
90	THLC136090WL	1938.00		
100	THLC136100WL	1938.00	TCAL15	#3-3/0 Cu, 1/0-3/0 Al
125	THLC136125WL	3674.00		
150	THLC136150WL	3674.00		

Internal Accessories for THLC2 and THLC4

Same as Type FTK accessories. ② Refer to pages 16-19 to 16-32.

Type THLC2

125-225 Amps
Noninterchangeable Trip
Includes Line and Load Lugs

Ampere Rating	Adjustable Trip Range Amps		3-Pole Catalog Number	List Price, GO-135B	Cu-Al Lug	Wire Range
	Low	High				
125	550	1250	THLC236125WL	\$3689.00	TCAL27	#4-300 kcmil
150	675	1500	THLC236150WL	3689.00		
175	775	1750	THLC236175WL	3689.00		
200	900	2000	THLC236200WL	3689.00		
225	1000	2500	THLC236225WL	3689.00		

Type THLC4

250-400 Amps
Noninterchangeable Trip
Without Line and Load Lugs ③

Ampere Rating	Adjustable Trip Range Amps		3-Pole Catalog Number	List Price, GO-135B
	Low	High		
250	1175	2500	THLC436250	\$4967.00
300	1400	3000	THLC436300	4967.00
350	1650	3500	THLC436350	4967.00
400	1875	4000	THLC436400	4967.00

Type TLB4

250-400 Amps
65 kA at 480 Volts ac
85 kA at 240 Volts ac
Noninterchangeable Trip
Without Line and Load Lugs ③

Ampere Rating	Adjustable Trip Range Amps		3-Pole Catalog Number	List Price, GO-135B
	Low	High		
250	1175	2500	TLB434250	\$4278.00
300	1400	3000	TLB434300	4278.00
350	1650	3500	TLB434350	4278.00
400	1875	4000	TLB434400	4278.00

① 15-50A rated 200kA at 240 Vac and 150kA at 480 Vac maximum.

② Accessory must have code date 535+ or later.

③ Lug kit for THLC4 or TLB4— for line or load end. Order Catalog Number TCLK43, List Price \$49.00, GO-135B. Consists of three-pole assembly. Wire range (1) 3/0-500 kcmil or (2) 3/0-250 kcmil Cu-Al.



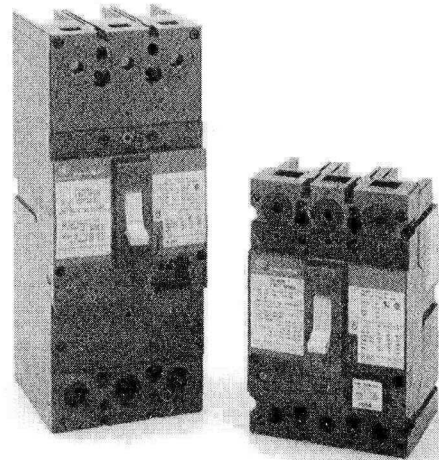
Spectra RMS™ Molded Case Circuit Breakers

Features

SE150, SF250, SG600, and SK1200 circuit breaker frames have a digital, solid state, rms sensing trip system with field installable, front-mounted rating plugs to establish or change the breaker ampere rating. Adjustable instantaneous with tracking short-time is standard on all frames including SE150.

A complete circuit breaker consists of a UL listed circuit breaker frame and a rating plug (UL listed interchangeable trip unit). Terminal lugs for cable connection are available if required.

- All frames use the same UL listed, **field-installable internal accessories** (auxiliary switch, shunt trip, undervoltage release, and bell alarm).
- All frame sizes have maximum UL listed interrupting ratings of 200 kA @ 240 volts ac and 100 kA @ 480 volts ac with 600 volts ac ratings to 65 kA depending on frame size. UL listed current limiting versions are provided through the SG600 frame for the 65 kA @ 480 volts ac and the 100 kA @ 480 volts ac models, with no increase in physical frame size.
- Spectra RMS Mag-Break® instantaneous-only motor circuit protectors also use the same digital, solid-state trip unit and rating plugs as the circuit breakers. The interchangeable rating plug establishes the instantaneous pickup range (with tracking short-time) but does not change the frame ampere rating.
- Spectra RMS molded case switches have a fixed, high-set instantaneous trip (without tracking short-time function) and have short circuit withstand ratings equal to their equivalent breaker frame size interrupting rating in most cases.
- Spectra RMS breakers are ambient insensitive. Trip times will not vary over the range 10-50°C breaker ambient. Refer to GET-7002 for further application information.
- Spectra RMS breakers contain no parts that would support fungus growth and are, therefore, inherently fungusproof.



Fusible Switches	16-2
Nonfusible Switches	16-2
Type FD1 Fusible Disconnect Switches	16-3, 16-4
DILoS Nonfusible Disconnect Switches	16-5, 16-6
Molded Case Circuit Breakers	16-7 to 16-18
Accessories and Modifications	16-19 to 16-32
V-Line™ Miniature Circuit Breakers	16-33 to 16-36

Other MCCB Features

- Broad product line to meet virtually any application need.
- Reduced downtime. A tripped breaker is easily spotted and can be immediately reset after the fault has been corrected.
- Eliminates single phasing. A common trip bar disconnects all poles simultaneously on both overloads and short circuits.
- Offers application flexibility through the use of a wide variety of accessory devices and special attachments.
- Repetitive operation—no fuses to replace.
- Breakers can be repetitively tested. Fuses must be destroyed to confirm calibration accuracy.

For more information on GE Disconnects and Circuit Breakers, see Publication Index, Section 18.