

Thermal-Magnetic Molded-Case Circuit Breakers

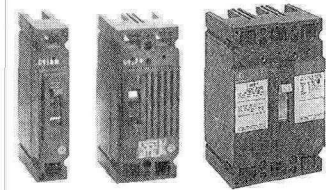
Note: All UL listed as HACR type except 10 amp.

60°C/75°C Conductor Rating Through 100 Amperes;
75°C Above 100 Amperes

10-150 Amperes
120-600 Volts AC
125, 250 Volts DC

Single-Pole—Includes Cu/Al load lugs only. If line lugs are required, add suffix "WL" to Catalog Number.

Types TEB, TED, THED—Noninterchangeable Trip



One-Pole Two-Pole Three-Pole

Ampere Rating	Type TEB			Type TED			Type THED	
	120 Vac 125 Vdc Catalog Number	List Price, GO-135B		277 Vac 125 Vdc Catalog Number	List Price, GO-135B	347 Volts AC @ Catalog Number	347 Volts AC Catalog Number	List Price, GO-135B
10	TEB111010②	\$ 78.50		TED113010②	\$ 82.50			
15	TEB111015①	78.50		TED113015①	82.50	TED114015	THED114015①	\$416.00
20	TEB111020①	78.50		TED113020①	82.50	TED114020	THED114020①	416.00
25	TEB111025	78.50		TED113025	82.50	TED114025	THED114025	416.00
30	TEB111030	78.50		TED113030	82.50	TED114030	THED114030	416.00
35	TEB111035	78.50		TED113035	82.50	—	—	—
40	TEB111040	78.50		TED113040	82.50	—	—	—
45	TEB111045	78.50		TED113045	82.50	—	—	—
50	TEB111050	78.50		TED113050	82.50	—	—	—
60	TEB111060	78.50		TED113060	82.50	—	—	—
70	TEB111070	134.00		TED113070	159.00	—	—	—
80	TEB111080	134.00		TED113080	159.00	—	—	—
90	TEB111090	134.00		TED113090	159.00	—	—	—
100	TEB111100	134.00		TED113100	159.00	—	—	—
100NA	TEB111Y100③⑤	65.50		TED113Y100③⑤	82.50	—	—	—

Two-Pole—Includes Cu/Al Line and Load Lugs.

Ampere Rating	Type TEB		Type TED		Type THED, Hi-Break®④	
	240 Vac, 250 Vdc Catalog Number	List Price, GO-135B	480 Vac, 250 Vdc Catalog Number	List Price, GO-135B	480 Vac, 250 Vdc Catalog Number	List Price, GO-135B
10	TEB122010WL②	\$159.00	TED124010WL②	\$290.00	THED124015WL	\$560.00
15	TEB122015WL	159.00	TED124015WL	290.00	THED124020WL	560.00
20	TEB122020WL	159.00	TED124020WL	290.00	THED124025WL	560.00
25	TEB122025WL	159.00	TED124025WL	290.00	THED124030WL	560.00
30	TEB122030WL	159.00	TED124030WL	290.00	THED124035WL	560.00
35	TEB122035WL	159.00	TED124035WL	290.00	THED124040WL	560.00
40	TEB122040WL	159.00	TED124040WL	290.00	THED124045WL	560.00
45	TEB122045WL	159.00	TED124045WL	290.00	THED124050WL	560.00
50	TEB122050WL	159.00	TED124050WL	290.00	THED124060WL	560.00
60	TEB122060WL	159.00	TED124060WL	290.00		
70	TEB122070WL	261.00	TED124070WL	377.00	THED124070WL	653.00
80	TEB122080WL	261.00	TED124080WL	377.00	THED124080WL	653.00
90	TEB122090WL	261.00	TED124090WL	377.00	THED124090WL	653.00
100	TEB122100WL	261.00	TED124100WL	377.00	THED124100WL	653.00
100NA	TEB122Y100③	159.00	TED124Y100③	263.00	—	—
150NA	—	—	TED124Y150②③	708.00	—	—

Three-Pole—Includes Cu/Al Line and Load Lugs.

Ampere Rating	Type TEB		Type TED		Type TED		Type THED, Hi-Break		
	240 Volts AC Catalog Number	List Price, GO-135B	480 Volts AC Catalog Number	List Price, GO-135B	600 Volts AC Catalog Number	List Price, GO-135B	480 Volts AC Catalog Number	600 Volts AC Catalog Number	List Price, GO-135B
10	TEB132010WL②	\$240.00	TED134010WL②	\$ 377.00	—	—	—	—	—
15	TEB132015WL	240.00	TED134015WL	377.00	TED136015WL	\$ 439.00	—	THED136015WL	\$ 655.00
20	TEB132020WL	240.00	TED134020WL	377.00	TED136020WL	439.00	—	THED136020WL	655.00
25	TEB132025WL	240.00	TED134025WL	377.00	TED136025WL	439.00	—	THED136025WL	655.00
30	TEB132030WL	240.00	TED134030WL	377.00	TED136030WL	439.00	—	THED136030WL	655.00
35	TEB132035WL	240.00	TED134035WL	377.00	TED136035WL	439.00	—	THED136035WL	655.00
40	TEB132040WL	240.00	TED134040WL	377.00	TED136040WL	439.00	—	THED136040WL	655.00
45	TEB132045WL	240.00	TED134045WL	377.00	TED136045WL	439.00	—	THED136045WL	655.00
50	TEB132050WL	240.00	TED134050WL	377.00	TED136050WL	439.00	—	THED136050WL	655.00
60	TEB132060WL	240.00	TED134060WL	377.00	TED136060WL	439.00	—	THED136060WL	655.00
70	TEB132070WL	339.00	TED134070WL	445.00	TED136070WL	534.00	—	THED136070WL	742.00
80	TEB132080WL	339.00	TED134080WL	445.00	TED136080WL	534.00	—	THED136080WL	742.00
90	TEB132090WL	339.00	TED134090WL	445.00	TED136090WL	534.00	—	THED136090WL	742.00
100	TEB132100WL	339.00	TED134100WL	445.00	TED136100WL	534.00	—	THED136100WL	742.00
110	—	—	TED134110WL	1198.00	TED136110WL	1198.00	THED134110WL	THED136110WL	1683.00
125	—	—	TED134125WL	1198.00	TED136125WL	1198.00	THED134125WL	THED136125WL	1683.00
150	—	—	TED134150WL	1198.00	TED136150WL	1198.00	THED134150WL	THED136150WL	1683.00
100NA	TEB132Y100③	240.00	TED134YT100③	377.00	TED136YT100③	445.00	—	—	—
150NA	—	—	TED134YT150③	967.00	TED136YT150③	967.00	—	—	—

① Single-pole, 15- and 20-amp breakers are also UL listed as switching-duty breakers, suitable for switching 120 volts ac (TEB), 277 volts ac (TED, THED) fluorescent lighting loads.

② Suitable for 10kAIC at 480 Vac, but not labelled or UL listed.
③ Molded-case switch. Internal accessory installation requires factory-installed dummy trip; specify on order. Accessories not available for one-pole TEB, TED. See page 16-23.

④ Two-pole breaker is furnished in three-pole case.
⑤ Molded-case switch includes line and load lugs.

⑥ Includes factory-installed dummy trip.

Accessories:
See pages 16-19 to 16-32.



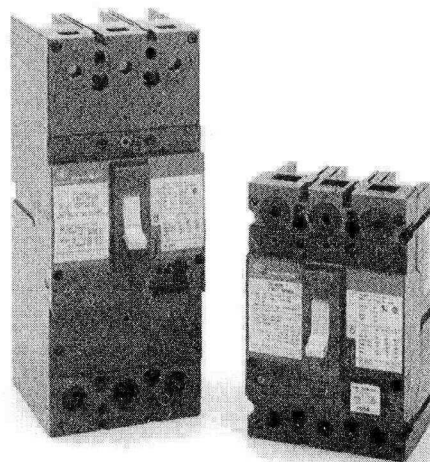
Spectra RMS™ Molded Case Circuit Breakers

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.