

# GE OEM Load Center Parts Program

## Q Line Circuit Breakers

### HID Lighting

- UL Listed (Molded-Case Circuit Breakers No. 489)
- HID breakers have been designed to handle the current and voltage spikes that result when gaseous discharge lamps, including fluorescent and HID lamps, are switched on and off.

Ampere Rating	1-Pole	2-Pole
	120/240- Vac Cat.-No.	120/240- Vac Cat.-No.
10 kAIC	15 THQL1115HID①	THQL2115HID
	20 THQL1120HID①	THQL2120HID
	30 THQL1130HID	THQL2130HID
22 kAIC	15 THHQL1115HID①	THHQL2115HID
	20 THHQL1120HID①	THHQL2120HID
	30 THHQL1130GF	THHQL2130HID
Std. Pkg.	5 cartons of 10	5 cartons of 10

① UL Listed as SWD (switching duty). Suitable for 120 Vac fluorescent lighting loads.



THQL1120HID

### High Magnetic

- UL Listed (Molded-Case Circuit Breakers No. 489)
- 10 kAIC RMS symmetrical
- High short-circuit setting suitable for circuits with inherent high in-rush load currents

Ampere Rating	1-Pole 120- Vac Cat.-No.
15	THQL1115HM
20	THQL1120HM
25	THQL1125HM
30	THQL1130HM
40	THQL1140HM
50	THQL1150HM
Std. Pkg.	5 cartons of 10



THQL1140HM

### Molded-Case Switches

- UL Listed (Molded-Case Switches No. 1087)
- Without overload or short-circuit protection

Vac	Rating, A	2-Pole Cat.-No.	3-Pole Cat.-No.
120/240	60	RQL21Y60	—
	100	TQL21Y100	—
240	60	TQL22Y60	TQL32Y60
	100	TQL22Y100	TQL32Y100
Std. Pkg.		5 cartons of 5	5 cartons of 3



TQL21Y100

### TQ Circuit Breakers

- 3/4-inch wide
- 10 kAIC RMS symmetrical
- UL Classified
- For use in Square D QO® load centers

Rating, A	1-Pole Cat.-No.	2-Pole Cat.-No.
15	TQ1115	TQ2115
20	TQ1120	TQ2120
30	TQ1130	TQ2130
40	TQ1140	TQ2140
50	TQ1150	TQ2150
60	—	TQ2160
Std. Pkg.	1 carton of 10	1 carton of 5



TQ1120

### Tri-Break® Line

- Integrally Fused Thermal Magnetic Circuit Breakers
- Integrally Fused Magnetic Circuit Breakers
- Integrally Fused Molded Case Switches

These breakers are available in three types. Type TB1 (15-100 amperes) product numbers include frame, trip, line and load lugs, and current limiters all factory assembled. TB6 (300 to 600 amperes) and TB8 (600 to 800 amperes) include frame, trip and limiters, factory assembled, but do not include line or load lugs. If line and load lugs are required, order separately. Unless otherwise noted, TB1, TB6, and TB8 breaker components are UL listed in File E-42263. Fused molded case switches are UL listed in File E-57546.

### Mag-Break Line

- Magnetic only circuit breakers (motor circuit protectors)

These breakers are available only with noninterchangeable adjustable magnetic trip, in frame Types E, F, J, K, and Tri-Break®. All breakers are shipped factory assembled, complete with Cu/Al line and load lugs.

All magnetic only circuit breakers and limiters are UL Component Recognized in Files E-11592 and E-66390, respectively, unless otherwise noted.

### Spectra® RMS

- Circuit Breakers

Determine the required breaker frame, IC rating, and load requirements. Select frame, trip unit (rating plug), and lug, if required, product numbers from the tables on pages 3-46 to 3-54. For Spectra® breakers with MicroVersaTrip® Plus or MicroVersaTrip® PM Trip Units refer to pages 3-57 through 3-65. Select field-mounted internal accessory product numbers, if required, on pages 3-70 and 3-71. Select field-mounted external accessory product numbers, if required, on pages 3-97 through 3-107 and pages 3-66 to 3-69 for Spectra® breakers with MicroVersaTrip® Plus or MicroVersaTrip® PM Trip Units. Order as separate items.

- Mag-Break Motor Circuit Protectors

Determine the required frame and ampere requirements. Select frame, trip unit (rating plug), and lug, if required, product numbers from the table on pages 3-73 through 3-75. Select accessories as noted above for circuit breakers. The same accessories are used with both circuit breakers and motor circuit protectors. Order as separate items.

- Molded Case Switches

Determine the required frame and ampere requirements. Select frame and lug, if required, product numbers from the table on page 3-72. Rating plugs are not used. Select accessories as noted above for circuit breakers. Internal accessories do not require dummy trips. The same accessories are used with both circuit breakers and molded case switches. Order as separate items.

Unless otherwise noted, all circuit breakers are UL listed in File E-11592. Molded case switches are UL listed in File E-57546. Field-Installable Internal Accessories are UL listed in File E-57253. Distribution Cable Accessories for MicroVersaTrip® Plus Trip Units and MicroVersaTrip® PM Trip Units are UL listed in File E-57253.

### Accessories

Order accessories from the appropriate table:

- Thermal Magnetic Circuit Breakers, Magnetic Circuit Breakers, and Molded Case Switches<sup>1</sup>—pages 3-39 to 3-45 and 3-97 to 3-107.
- Spectra® RMS Breakers—pages 3-70 to 3-71 and 3-97 to 3-107.
- Spectra® RMS Breakers with MicroVersaTrip® Plus Trip Units or MicroVersaTrip® PM Trip Units—pages 3-66 to 3-71, and 3-96 to 3-107.

<sup>1</sup>Installation of accessories in molded case switches requires dummy trip; see page 3-45 for information. Dummy trip not required for Tri-Break® or Q-Line molded case switches.

### Molded Case Circuit Breaker and Switch Terminal Configuration Code

Order standard Cu/Al lugs by using suffix codes presented. Order lugs separately if special lugs are required. For optional lugs, see pages 3-101 and 3-102.

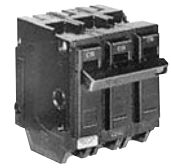
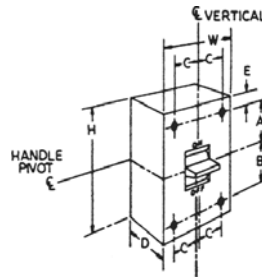
Breaker/Switch Type	Suffix				
	Blank	WL	XL	X2	LL
TQD/TJD	Load Lugs Only	Line and Load Lugs	—	Line Lugs Only	No Lugs
Molded Case Breakers, Thermal Magnetic	Load Lugs Only	Line and Load Lugs	—	Load Lugs Only	No Lugs
Molded Case Switch	Line and Load Lugs	—	No Lugs	Line Lugs Only	Load Lugs Only
Spectra RMS™ Breakers	No Lugs			Order Lugs Separately	
Mine Duty™ Breakers	No Lugs			Order Lugs Separately	
Mag-Break® Breakers	Line and Load Lugs	—	—	—	—



## Quick Reference Guide

Ratings do not apply to molded case switches.

The interruption ratings and voltages shown in the table are maximum ratings. A circuit breaker of the type given in the left-hand column may be applied at the given circuit voltage in any electrical distribution system where the available fault current at the load terminals of the breaker does not exceed the value in the table. That circuit breaker type may also be applied at intermediate values of circuit voltage provided the available fault current at the load terminals of the breaker does not exceed the value in the table for the higher value of voltage.



THQL 32015

## Q-Line (UL file E-11592; Fixed Thermal Magnetic Trip Unit)

Circuit Breaker Type	Ampere Rating	No. Poles	Maximum Voltage Rating		UL Listed Interrupting Ratings—rms Symmetrical kA								Dimensions (in.)							Std. Pack	
					Vac						Vdc		H	W	D	A	B	C	E		
					120	120/240	240	277	480	600	125	250									
TQ	15-50	1	120/240	—	—	10	—	—	—	—	—	—	3	3/4	2 3/8	—	—	—	—	10	
	15-60	2	120/240	—	—	10	—	—	—	—	—	—	3	1 1/2	2 3/8	—	—	—	—	5	
THQP <sup>1</sup>	15-50	1	120/240	—	—	10	—	—	—	—	—	—	3 9/32	1/2	2 3/8	—	—	—	—	100	
		2												1							50
TQL/TQB/ TQC	10	1	120/240	—	—	5 <sup>2</sup>	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	50	
		2												2							25
		3												3							15
THQL <sup>1</sup> THQB <sup>1</sup> THQC <sup>1</sup>	15-70	1	120/240	—	—	10	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	50		
	15-125	2											2							25	
	15-100	3											3							15	
THHQB <sup>1</sup> THHQC <sup>1</sup>	15-70	1	120/240	—	—	22	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	50		
	15-100	2											2							25	
		3											3							15	
THHQL <sup>1</sup>	15-70	1	120/240	—	—	22	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	50		
	15-125	2											2							25	
	15-100	3											3							15	
TXQL <sup>1</sup> TXQB <sup>1</sup> TXQC <sup>1</sup>	15-30	1	120/240	—	—	65	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	50		
		2											2							25	
		3											3							15	
TQDL	125-200	2	120/240	—	—	10	—	—	—	—	—	—	6 1/16	2	2 3/8	—	—	—	—	12	
THQDL	125-200	2	120/240	—	—	22	—	—	—	—	—	—	6 1/16	2	2 3/8	—	—	—	—	12	
TQD <sup>1</sup>	100-225	2	240	—	—	10	10	—	—	—	—	—	6 9/16	2 3/4	2 5/8	2 7/16	2 7/16	—	27/32	1	
	100-225	3				—	10							4 1/8							11/16
THQD <sup>1</sup>	100-225	2	240	—	—	22	22	—	—	—	—	—	6 9/16	2 3/4	2 5/8	2 7/16	2 7/16	—	27/32	1	
	100-225	3				—	22							4 1/8							11/16
TJD	250-400	2	240	—	—	22	22	—	—	—	—	10	10 1/8	8 1/4	3 13/16	3 15/16	3 13/16	1 3/8	1 3/16	1	
	250-400	3				—	22														—

### CB3 Ground Fault, Equipment Ground Fault and Arc Fault (UL File E-51075; Fixed Thermal Magnetic Trip Unit)

THQB THQC THQL ...GF, GFEP, AF	15-30	1	120	—	10	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	10
		2	120/240	—	—	1	—	—	—	—	—	—	—	2	—	—	—	—	—	10
THHQL ...GF THHQB ...GF AF	15-30	1	120	—	22	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	10

<sup>1</sup> UL listed as HACR (heating, air conditioning and refrigeration).

<sup>2</sup> Not UL listed.

