

How to Order

Q-Line

- Thermal Magnetic Circuit Breakers
- Molded-Case Switches

The product number as shown in the following pages includes the complete breaker or switch. TQD and TJD breakers are complete with Cu/Al line and load lugs.

E 150 Line

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

The product numbers as shown in the following pages include the complete breaker or switch. All devices listed come with Cu/Al line and load lugs. If line lugs are not required on a breaker, eliminate "WL" from product number; for molded case switches see page 6-3. Unless otherwise noted, all circuit breakers are UL listed in File E-11592. Molded case switches are UL listed in File E-57546.

J 600 Line

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

These breakers are available with either noninterchangeable trip (designated Type TJJ) or interchangeable trip (designated Type TJK and THJK). Type TJJ product numbers include frame, trip, Cu/Al line, and load lugs factory assembled. If line lugs are not required on the breaker, eliminate "WL" from product number, and subtract price of line lugs from price of complete breaker.

TJK breakers are available in two frames, 400 ampere frame (125 to 400 amperes) and 600 ampere frame (250 to 600 amperes). Trip units are not interchangeable between frames.

"Complete Circuit Breaker" price includes frame, trip unit, Cu/Al line, and load lugs. Unit will be shipped unassembled unless order specifies "must be factory assembled." If line lugs are not required, eliminate "WL" from product number and subtract price of line lugs from price of complete breaker.

To order the frame, trip, and lugs separately, select the required components from table. Magnetic breakers must be ordered as components. A complete breaker consists of frame, trip, and one line and one load lug per pole.

Price of ordering "Complete Circuit Breaker" vs. frame, trip, and line and load lugs separately is the same.

Molded case switches can also be ordered as complete units (designated Type TJK---Y) or as separate components. They are UL listed only as complete units. To indicate required lugs, see page 6-3.

Unless otherwise noted, all circuit breakers are UL listed in File E-11592. Molded case switches are UL listed in File E-57546.



Q-Line Thermal Magnetic Circuit Breakers
and Molded-Case Switches

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 6-45 to 6-53. For Spectra™ breakers with *microEntelliGuard™* Trip Units refer to pages 6-54 through 6-61. Select field-mounted internal accessory product numbers, if required, on pages 6-67 and 6-68. Select field-mounted external accessory product numbers, if required, on pages 6-95 through 6-106 and pages 6-62 to 6-66 for Spectra™ breakers with *microEntelliGuard™* 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 6-91 through 6-92. 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 6-90. 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.

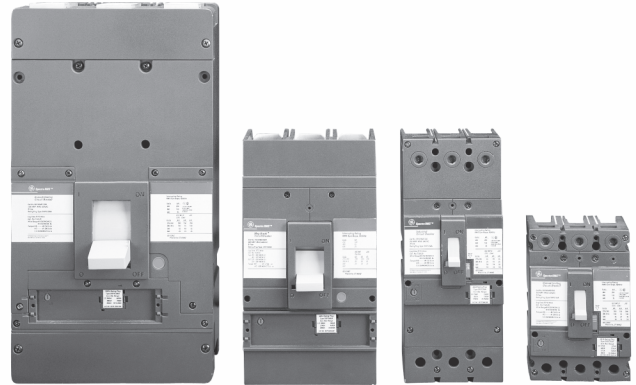
Unless otherwise noted, all circuit breakers are UL listed in File E-11592. Molded case switches are UL listed in File E-57546. Field-Installable Internal Accessories are UL listed in File E-57253. Distribution Cable Accessories for *microEntelliGuard™* Trip Units are UL listed in File E-57253.

Accessories

Order accessories from the appropriate table:

- Thermal Magnetic Circuit Breakers, Magnetic Circuit Breakers, and Molded Case Switches¹—pages 6-39 to 6-44 and 6-94 to 6-106.
- Spectra™ RMS Breakers—pages 6-66 to 6-67 and 6-94 to 6-106.
- Spectra™ RMS Breakers with *microEntelliGuard™* Trip Units—pages 6-62 to 6-68, and 6-94 to 6-106.

¹Installation of accessories in molded case switches requires dummy trip; see page 6-44 for information. Dummy trip not required for Tri-Break™ or Q-Line molded case switches.



**Spectra Circuit Breakers
and Molded Case Switches**

Molded Case Circuit Breaker and Switch Terminal Configuration Code

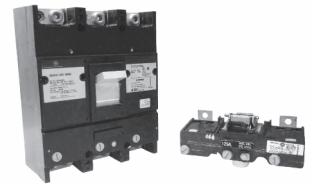
Order standard Cu/Al lugs by using suffix codes presented. Order lugs separately if special lugs are required. For optional lugs, see pages 6-103 and 6-104.

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	—	—	—	—

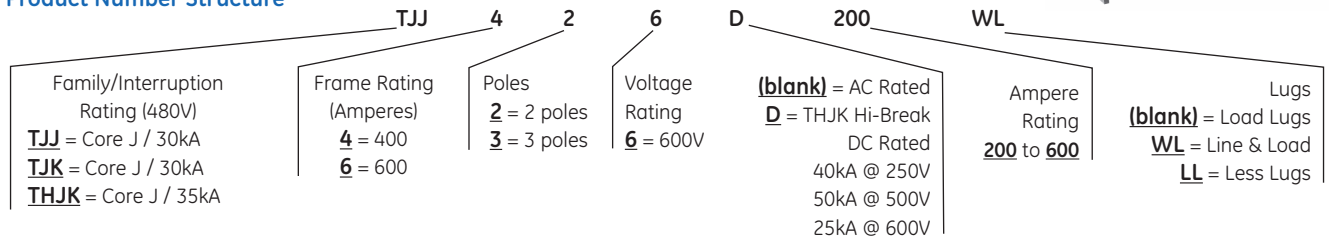


Molded Case Circuit Breakers Industrial Circuit Breakers

200-600A Circuit Breakers
Thermal-Magnetic Trip
J600 Line Circuit Breakers
Types TJJ, TJK, THJK



Product Number Structure



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

Type TJJ Noninterchangeable Trip, includes Cu/Al Line and Load Lugs, suitable for reverse feed

Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Frame		Terminal Lugs for Front Connection (Cu/Al)	
	Low	High	2-Pole, 400 Ampere Frame 600 Vac, 250 Vdc	3-Pole, 400 Ampere Frame 600 Vac	Copper/ Aluminum Lugs	Wire Size
			Product Number	Product Number		
200	600	2000	TJJ426200WL	TJJ436200WL	TCAL43 ³ Included in price of breaker	(1) 6-600 or (2) 2/0-250 Cu/Al
225	675	2250	TJJ426225WL	TJJ436225WL		
250	750	2500	TJJ426250WL	TJJ436250WL		
300	900	3000	TJJ426300WL	TJJ436300WL		
350	1050	3500	TJJ426350WL	TJJ436350WL		
400	1200	4000	TJJ426400WL	TJJ436400WL		

Types TJK, THJK – 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			Terminal Lugs for Front Connection (Cu/Al) ¹	
	Low	High	Standard Product Number	Hi-Break Product Number	Frame Only Product Number	Trip Unit Only. Use with Standard and Hi-Break Frames	Product Number (Order 2 per pole)	Wire Size
					Product Number			
400A Frame—Two-Pole								
200	600	2000	TJK426200WL	THJK426200WL	TJK426F000	TJK426T200	TCAL43 ³	(1) 6-600 or (2) 2/0-250 Cu/Al
225	675	2250	TJK426225WL	THJK426225WL	Standard Frame	TJK426T225		
250	750	2500	TJK426250WL	THJK426250WL		TJK426T250		
300	900	3000	TJK426300WL	THJK426300WL	THJK426F000	TJK426T300		
350	1050	3500	TJK426350WL	THJK426350WL	Hi-Break	TJK426T350		
400	1200	4000	TJK426400WL	THJK426400WL		TJK426T400		
400A Frame—Three-Pole								
200	600	2000	TJK436200WL	THJK436200WL	TJK436F000	TJK436T200	TCAL43 ³	(1) 6-600 or (2) 2/0-250 Cu/Al
225	675	2250	TJK436225WL	THJK436225WL	Standard Frame	TJK436T225		
250	750	2500	TJK436250WL	THJK436250WL		TJK436T250		
300	900	3000	TJK436300WL	THJK436300WL		TJK436T300		
350	1050	3500	TJK436350WL	THJK436350WL	THJK436F000	TJK436T350		
400	1200	4000	TJK436400WL	THJK436400WL	Hi-Break	TJK436T400		
400	600	2000	—	—		TJK436TM1400 ²		
Mag	1200	4000	—	—		TJK436TM2400 ²		
Only	350	1000	—	—		TJK436TM3400 ²		

¹For optional lugs, see page 6-103.

²Not UL listed.

³Alternate lug for 750 kcmil Cu/Al cable, Product Number TCAL47.

Accessories: See pages 6-39 to 6-44 and 6-94 to 6-106.

