

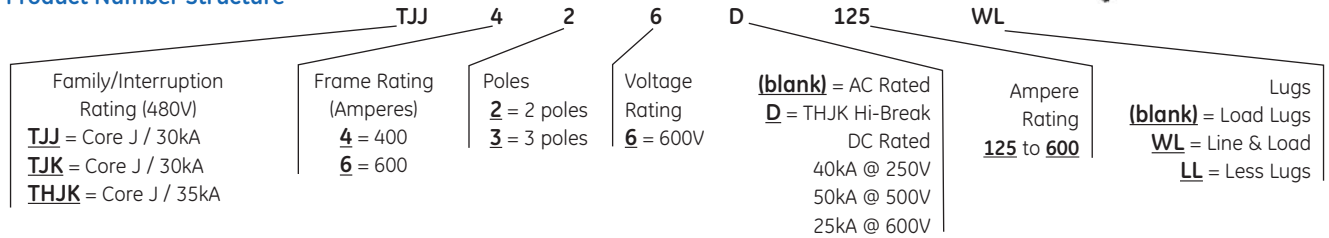
Molded Case Circuit Breakers

Industrial Circuit Breakers

125-600A 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		
125	375	1250	TJJ426125WL	TJJ436125WL	TCAL43 ³ Included in price of breaker	(1) 6-600 or (2) 2/0-250 Cu/Al
150	450	1500	TJJ426150WL	TJJ436150WL		
175	525	1750	TJJ426175WL	TJJ436175WL		
200	600	2000	TJJ426200WL	TJJ436200WL		
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
400A Frame—Two-Pole								
125	375	1250	TJK426125WL	THJK426125WL	TJK426F000 Standard Frame	TJK426T125	TCAL43 ³	(1) 6-600 or (2) 2/0-250 Cu/Al
150	450	1500	TJK426150WL	THJK426150WL		TJK426T150		
175	525	1750	TJK426175WL	THJK426175WL		TJK426T175		
200	600	2000	TJK426200WL	THJK426200WL		TJK426T200		
225	675	2250	TJK426225WL	THJK426225WL		TJK426T225		
250	750	2500	TJK426250WL	THJK426250WL		TJK426T250		
300	900	3000	TJK426300WL	THJK426300WL		TJK426T300		
350	1050	3500	TJK426350WL	THJK426350WL		TJK426T350		
400	1200	4000	TJK426400WL	THJK426400WL		TJK426T400		
400A Frame—Three-Pole								
125	375	1250	TJK436125WL	THJK436125WL	TJK436F000 Standard Frame	TJK436T125	TCAL43 ³	(1) 6-600 or (2) 2/0-250 Cu/Al
150	450	1500	TJK436150WL	THJK436150WL		TJK436T150		
175	525	1750	TJK436175WL	THJK436175WL		TJK436T175		
200	600	2000	TJK436200WL	THJK436200WL		TJK436T200		
225	675	2250	TJK436225WL	THJK436225WL		TJK436T225		
250	750	2500	TJK436250WL	THJK436250WL		TJK436T250		
300	900	3000	TJK436300WL	THJK436300WL		TJK436T300		
350	1050	3500	TJK436350WL	THJK436350WL		TJK436T350		
400	1200	4000	TJK436400WL	THJK436400WL		TJK436T400		
400	600	2000	—	—		TJK436TM1400 ²		
Mag	1200	4000	—	—	TJK436TM2400 ²			
Only	350	1000	—	—	TJK436TM3400 ²			

¹For optional lugs, see page 6-106.

²Not UL listed.

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

Accessories: See pages 6-39 to 6-44 and 6-97 to 6-109.



Molded Case Circuit Breakers Industrial Circuit Breakers

Section 6

125-600A Circuit Breakers
Thermal-Magnetic Trip
J600 Line Circuit Breakers
Types TJJ, TJK, THJK

Type THJK - 600V High Break DC Circuit Breakers

Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Hi-Break Product Number	Frame Only Product Number	Trip Unit Only. Use w/ Standard and Hi-Break Frames	Product Number (Order 2 per pole)	Wire Size
	Low	High					
400A Frame – Three-Pole							
125	375	1250	THJK436D125WL	THJK436D000	TJK436T125	TCAL43 ³	(1) 6-600 or (2) 2/0-250 Cu/Al
150	450	1500	THJK436D150WL		TJK436T150		
175	525	1750	THJK436D175WL		TJK436T175		
200	600	2000	THJK436D200WL		TJK436T200		
225	675	2250	THJK436D225WL		TJK436T225		
250	750	2500	THJK436D250WL		TJK436T250		
300	900	3000	THJK436D300WL		TJK436T300		
350	1050	3500	THJK436D350WL		TJK436T350		
400	1200	4000	THJK436D400WL		TJK436T400		
600A Frame – Three-Pole							
250	750	2500	THJK636D250WL	THJK636D000	TJK636T250	TCAL43 ³	(1) 6-600 or (2) 2/0-250 Cu/Al
300	900	3000	THJK636D300WL		TJK636T300		
350	1050	3500	THJK636D350WL		TJK636T350		
400	1200	4000	THJK636D400WL		TJK636T400		

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		Frame Only Product Number	Trip Unit Only. Use w/ Standard and Hi-Break Frames	Terminal Lugs for Front Connection (Cu/Al) ¹	
	Low	High	Standard Product Number	Hi-Break Product Number			Product Number (Order 2 per pole)	Wire Size
600A Frame – Two-Pole								
300	900	3000	TJK626300WL	THJK626300WL	TJK626F000 Standard Frame	TJK626T250	TCAL43 ²	(1) 6-600 or (2) 2/0-250 Cu/Al
350	1050	3500	TJK626350WL	THJK626350WL		TJK626T300		
400	1200	4000	TJK626400WL	THJK626400WL		TJK626T350		
450	1350	4500	TJK626450WL	THJK626450WL	THJK626F000 Hi-Break Frame	TJK626T400	TCAL63	(2) 4/0-350 Cu or (2) 300-500 Al
500	1500	5000	TJK626500WL	THJK626500WL		TJK626T450		
600	1800	6000	TJK626600WL	THJK626600WL		TJK626T500		
600	1800	6000	TJK626600WL	THJK626600WL	TJK636F000 Standard Frame	TJK626T600	TCAL63	(2) 4/0-350 Cu or (2) 300-500 Al
250	750	2500	TJK636250WL	THJK636250WL		TJK636T250		
300	900	3000	TJK636300WL	THJK636300WL		TJK636T300		
350	1050	3500	TJK636350WL	THJK636350WL	THJK636F000 Hi-Break Frame	TJK636T350	TCAL63	(2) 4/0-350 Cu or (2) 300-500 Al
400	1200	4000	TJK636400WL	THJK636400WL		TJK636T400		
450	1350	4500	TJK636450WL	THJK636450WL		TJK636T450		
500	1500	5000	TJK636500WL	THJK636500WL	TJK636TM1600 ³	TJK636T500	TCAL63	(2) 4/0-350 Cu or (2) 300-500 Al
600	1800	6000	TJK636600WL	THJK636600WL		TJK636T600		
Mag Only	1800	6000	–	–		TJK636TM2600 ³		

¹For optional lugs, see page 6-106.

²Alternate lug for 750 kcmil Cu/Al cable, Product Number TCAL47

³Not UL listed.

Accessories: See pages 6-39 to 6-44 and 6-97 to 6-109.

J600 Reference Publications

Mechanical Interlock	GEH-3033
Trip Unit	GEH-3035
Bell Alarm	GEH-3320
Auxiliary Switch	GEH-3321
Three Coil Shunt Trip	GEH-3346
Shunt Trip	GEH-3435
TDR Operating Mechanism	GEH-3450
Plug-in Mounting Base	GEH-4342
Motor Operator	GEH-4676
TDM Operating Mechanism	GEH-5023
STDA Flange Handle	GEH-5314
STDA Operating Mechanism	GEH-5318
Undervoltage Release	GEH-5407
J600 Outline Drawing	455C564SH1

