

# 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					
<b>400A Frame – Three-Pole</b>							
125	375	1250	THJK436D125WL	THJK436D000	TJK436T125	TCAL43 <sup>3</sup>	(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		
<b>600A Frame – Three-Pole</b>							
250	750	2500	THJK636D250WL	THJK636D000	TJK636T250	TCAL43 <sup>3</sup>	(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) <sup>1</sup>	
	Low	High	Standard Product Number	Hi-Break Product Number			Product Number (Order 2 per pole)	Wire Size
<b>600A Frame – Two-Pole</b>								
300	900	3000	TJK626300WL	THJK626300WL	TJK626F000 Standard Frame	TJK626T300	TCAL43 <sup>2</sup>	(1) 6-600 or (2) 2/0-250 Cu/Al
350	1050	3500	TJK626350WL	THJK626350WL		TJK626T350		
400	1200	4000	TJK626400WL	THJK626400WL		TJK626T400		
450	1350	4500	TJK626450WL	THJK626450WL	THJK626F000 Hi-Break Frame	TJK626T450	TCAL63	(2) 4/0-350 Cu or (2) 300-500 Al
500	1500	5000	TJK626500WL	THJK626500WL		TJK626T500		
600	1800	6000	TJK626600WL	THJK626600WL		TJK626T600		
<b>600A Frame – Three-Pole</b>								
300	900	3000	TJK636300WL	THJK636300WL	TJK636F000 Standard Frame	TJK636T300	TCAL43 <sup>2</sup>	(1) 6-600 or (2) 2/0-250 Cu/Al
350	1050	3500	TJK636350WL	THJK636350WL		TJK636T350		
400	1200	4000	TJK636400WL	THJK636400WL		TJK636T400		
450	1350	4500	TJK636450WL	THJK636450WL		TJK636T450		
500	1500	5000	TJK636500WL	THJK636500WL	THJK636F000 Hi-Break Frame	TJK636T500	TCAL63	(2) 4/0-350 Cu or (2) 300-500 Al
600	1800	600	TJK636600WL	THJK636600WL		TJK636T600		
Mag Only	1800	6000	–	–		TJK636TM1600 <sup>3</sup>		
						TJK636TM2600 <sup>3</sup>		

<sup>1</sup>For optional lugs, see page 6-106.

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

<sup>3</sup>Not 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

