

Molded Case Circuit Breakers Replacement Breakers

Tri-Break™
Internally Fused

Section 6



TB1



TB4



TB6

TB1, 150A Frame, Noninterchangeable Trip (Includes line and load lugs)

Ampere Rating	Adjustable Instantaneous Trip Amperes Range		Tri-Break™—Including Current Limiters ¹		Lugs ²		Replacement Current Limiters ¹	
			Three-Pole		Product No. and Wire Sizes (order 2 per pole)	Standard Product Number	Optional ¹ Product Number	
	Low	High	Product Number					
15	Fixed		TB13015BWE05	TCAL14 #14-8	Lugs Furnished with Breaker	TB4E05	Not Available	
20	Fixed		TB13020BWE05					
25	Fixed		TB13025BWE05					
30	Fixed		TB13030BWE05					
35	Fixed		TB13035BWE05	TCAL 12 #14-2/0				
40	Fixed		TB13040BWE05					
45	Fixed		TB13045BWE05	Cu-Al				
50	Fixed		TB13050BWE09					
60	Fixed		TB13060BWE09	TCAL 12 #14-2/0	Lugs Furnished with Breaker			TB7E09
70	Fixed		TB13070BWE09					
80	Fixed		TB13080BWE09					
90	Fixed		TB13090BWE09					
100	Fixed		TB13100BWE09					
100NA	-		TB13BYWE09 ^{3,4}					

TB4, 400A Frame, Replacement Limiters

Standard Product Number	Current Limiters ¹	Optional ¹ Product Number
TB10F14		TB3F05 or TB6F09

¹Standard current limiters (bolt on: TB1, TB6, TB8 and plug-in: TB4) have been selected based upon recommended coordination with thermal magnetic trip characteristics of the breaker. Optional current limiters are not UL listed in combination with breaker except TB4 with TB3F05 or TB6F09, 250A maximum.

²For optional lugs, see page 6-106.

³Molded case switch. Includes dummy trip, line and load lugs.

⁴Not UL listed.

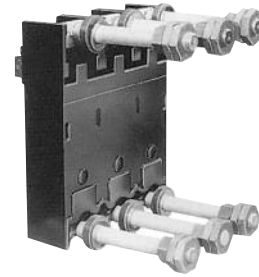


Molded Case Circuit Breakers

External Accessories

Lugs and Associated Hardware

Section 6



Breaker with Line and Load Studs

Lugs, Line Shields, Covers and Bus Connectors

Accessory	Wire Range	For Use With	Product Number	Description	
Copper-Aluminum Lugs	(1) #14-6 Cu, #12-2 Al	TQC (15-60A) (Non DIN Rail)	TQAL3	Single Lug	
	(1) #4-1/0 Cu-Al	TQC (70-100A)	TQAL4	Single Lug	
	(1) #4-300 kcmil Cu-Al	TQD		TCAL25	Single Lug
				TCALK325	3-Lug Kit
	(1) #14-8	E150, THLC1, TB1, (15-30A)	TCAL14	Single Lug	
	(1) #14-3 Cu, #12-1 Al	E150, THLC1, TB1, (15-60A)	TCAL12	Single Lug	
	(1) #6-2/0 Cu, #4-2/0 Al	E150, THLC1, TB1, (70-90A)	TCAL12A	Single Lug	
	(1) #3-3/0 Cu, #1-3/0 Al	E150, THLC1, TB1, (100-150A)	TCAL15	Single Lug	
	(1) #4-300 kcmil Cu-Al	F225		TCAL24	Single Lug
				TCALK324	3-Lug Kit
	(1) 6-600 kcmil or (2) 2/0-250 kcmil Cu-Al	J400, TB4, J600 (Thru 400A), TJD	TCAL43	Single Lug	
	(2) 4/0-350 kcmil Cu or (2) 300-500 kcmil Al	J600 (450-600A)		TCAL63	Single Lug
				TCALK363	3-Lug Kit
	(1) 750 kcmil Cu-Al	J400 TJD	TCAL47	Single Lug	
	(1) 3/0-500 kcmil or (2) 3/0-250 kcmil Cu-Al	TLB4, THLC4	TCLK43	Single Lug	
	(2) 1/0-250 kcmil or (1) #4-600 kcmil Cu-Al	K1200, TB6 (300-400A)	TCAL41	Single Lug	
	(2) 2/0-500 kcmil Cu-A	K1200, TB6 (300-600A)		TCAL61	Single Lug
				TCALK261	2-Lug Kit w/ Wrench
				TCALK361	3-Lug Kit w/ Wrench
	(3) 3/0-500 kcmil Cu-Al	K1200, TB8 (600-800A)		TCAL81 ¹	Single Lug
				TCALK281 ¹	2-Lug Kit w/ Wrench
				TCALK381 ¹	3-Lug Kit w/ Wrench
	(3) 3/0-500 kcmil Cu-Al	TK4V - Load end		TCAL91 ¹	Single Lug
				TCALK291 ¹	2-Lug Kit w/ Wrench
				TCALK391 ¹	3-Lug Kit w/ Wrench
	(4) 250-350 kcmil Cu or (4) 250-500 kcmil Al	K1200 (1000-1200A)		TCAL121 ²	Single Lug
				TCALK2121 ²	2-Lug Kit w/ Wrench
TCALK3121 ²				3-Lug Kit w/ Wrench	
TCAL122 ³				Single Lug	
(3) 750 kcmil Cu-Al	K1200 (1200A)		TCALK2122 ³	2-Lug Kit w/ Wrench	
			TCALK3122 ³	3-Lug Kit w/ Wrench	
			TCAL131 ²	Single Lug	
Copper Only Lugs With Follower and Extra Plating	#14-2/0	E150, TB1 (thru 150A)	TC012	Single Lug	
	#4-300 kcmil Cu	TFJ (250A)	TC024	Single Lug	
	(1) 6-600 kcmil or (2) 1/0-250 kcmil Cu	J400, TB4		TC043	Single Lug
				TC063	Single Lug
	(1) 1/0-600 kcmil or (2) 1/0-250 kcmil Cu	K1200, TB6 (300-400A)		TC041 ⁴	Single Lug
				TC061	Single Lug
	(2) 2/0-500 kcmil Cu	K1200, TB6, (300-600A)		TC081A	Single Lug
	(3) 3/0-500 kcmil Cu	K1200, TB8 (600-800A)		TC091	Single Lug
	(3) 3/0-500 kcmil Cu	TK4V - Load end		TC0121	Single Lug
	(4) 250-400 kcmil Cu	K1200 (1000-1200A)		TC0131	Single Lug
	(4) 250-400 kcmil Cu	TK4V - Load end		TEB, TEC, TED, THED	TEDLS
				TFJ, TFK, TFC	TFKLS
				TJJ, TJK, TJC	TJKLS
Lug Cover, TKM Breaker (two per breaker)			TC061, TCAL61, TCAL81 Lugs, TC081A	789A448G1	
			TC0121, TCAL121 Lugs	789A448G2	
Connector (back strap)		TKM	TKMC1		
Line voltage control wire kit for terminating control wire at breaker lugs		K1200	SKLVK ⁶		

¹Not suitable for 100 A aluminum conductor.

²Suitable for 500 kcmil copper for voltage drop considerations.

³Not UL listed, requires user supplied lug cover.

⁴Not UL listed.

⁵End cover supplied with 800A frame is used as lug cover.

⁶3-pole kit.

