

Molded Case Circuit Breakers Internal Accessories

Internally Mounted Signaling and Controlling Functions

How to Order

For field replacement, order base number only. For factory installation, contact Customer Service Center and order base number plus appropriate suffix. For a nonautomatic breaker (molded case switch) a dummy trip is required when installing either a shunt trip or UVR.

Shunt Trip

Remote Tripping – Trips breaker by remote control. Trip coil de-energized when breaker opens. Device meets UL requirements for service to ground fault system.

Undervoltage Release

Undervoltage release automatically trips breaker when applied coil voltage drops to 30 to 70 percent of rated value. Time-delay unit prevent nuisance tripping due to momentary loss of voltage. Separate externally mounted unit has 120 Vac input and 125 Vdc output. Used in conjunction with 125 Vdc undervoltage release which must be ordered separately. Product number SPUVTD for adjustable delay .1 to 1.0 seconds. List Price \$430.00 GO-245B.

Shunt Trip

Breaker Type	Product Number ^{1,2} – UL Listed When Factory Installed				List Price GO-135B
	Accessory Voltage		Base Number for Field Replacement	Suffix Number ³ Add to Base Product Number for Factory Installation	
	Vac	Vdc			
TQB, THQB, THHQB, TXQB, TQL, THQL, THHQL, TXQL	120-240		TQSTA1 ^{4,5,6}	9	\$95.50
		12	TQSTA7 ^{4,5,6}	9	\$95.50
		24-48	TQSTA8 ^{4,5,6}	9	\$95.50
TQD, THQD	120		TQDST1 ^{7,8}	9	\$178.00 ¹²
	240		TQDST2 ⁸	9	\$178.00 ¹²
		12	TQDST7 ⁸	9	\$178.00 ¹²
		24	TQDST8 ⁸	9	\$178.00 ¹²
			TEDST12	RS or LS ^{7,11}	\$363.00
TEB, TEC, TB1-B, ¹⁰ TED, THED, THLC1	240		TEDST12	RS or LS ^{7,11}	\$363.00
	480		TEDST13	RS or LS ^{7,11}	\$363.00
	600		TEDST13	RS or LS ^{7,11}	\$363.00
		12	TEDST7	RS or LS ^{7,11}	\$363.00
		24	TEDST8	RS or LS ^{7,11}	\$363.00
		48	TEDST9	RS or LS ^{7,11}	\$363.00
		125	TEDST12	RS or LS ^{7,11}	\$363.00
		250	TEDST11	RS or LS ^{7,11}	\$363.00
		120	TFKSTA12 ¹	RS or LS	\$363.00 ¹³
		240	TFKSTA12 ¹	RS or LS	\$363.00 ¹³
TFC, TFJ, TFK, THFK, THLC2, THLC4, TLB2, TLB4	480		TFKSTA13 ¹	RS or LS	\$363.00 ¹³
	600		TFKSTA13 ¹	RS or LS	\$363.00 ¹³
		12	TFKSTA7 ¹	RS or LS	\$363.00 ¹³
		24	TFKSTA8 ¹	RS or LS	\$363.00 ¹³
		48	TFKSTA9 ¹	RS or LS	\$363.00 ¹³
		125	TFKSTA12 ¹	RS or LS	\$363.00 ¹³
		250	TFKSTA11 ¹	RS or LS	\$363.00 ¹³

¹UL listed for field installation on TFC, TFJ, TFK, and THFK model 4 frames and trips (mfg. Code date J101 or later) and on THLC2, THLC4, TLB4.

²For replacement voltage suppressor on 120 Vac UVRs for F225 line, order Product Number 286A8062G1. for 120 Vac UVRs on all other breaker lines, order Product Number 192A8300G1.

³"S" suffix for wires out the side of the breaker. For lead exit from back of breaker, replace suffix "S" with "B", and multiply "S" accessory List Price by 1.25. "B" suffix not UL listed. Not available with leads out the back on "Q-Line." For factory installation, contact Customer Service Center.

⁴Mounts on a one-inch frame and increases overall breaker size by one pole added to left side. May be applied to 1-, 2-, or 3-pole breakers. Maximum total breaker width is 4-pole. Must be factory installed.

⁵Not available on GFCI (5 ma) or Equipment Ground Fault (30 ma) breakers.

⁶TQST shunt trips not available on breakers over 100 A.

⁷Not available with "B" suffix-leads out back.

⁸Must be factory installed, right pole only.

⁹To order, specify both the accessory and breaker product number =, e.g. THQL2130, TQST1 identifies a 30 A, 2-pole plug-in breaker with a factory installed 120 Vac shunt trip.

¹⁰For TB1 with bolt-on limiters.

¹¹Mounts in the right pole only on 2-pole TEB, TED breakers.

¹²GO-135F.

¹³GO-135LG.

