

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.

Shunt Trip

Breaker Type	Accessory Voltage		Product Number ^{1,2} – UL Listed When Factory Installed	
	Vac	Vdc	Base Number for Field Replacement	Suffix Number ³
				Add to Base Product Number for Factory Installation
TEB, TEC, TB1-B ⁴ , TED, THED, THLC1	120		TEDST12	RS
	240		TEDST12	RS
	480		TEDST13	RS
	600		TEDST13	RS
		12	TEDST7	RS
		24	TEDST8	RS
		48	TEDST9	RS
		125	TEDST12	RS
		250	TEDST11	RS
	TFC, TFJ, TFK, THFK, THLC2, THLC4, TLB2, TLB4	120		TFKSTA12 ¹
240			TFKSTA12 ¹	RS or LS
480			TFKSTA13 ¹	RS or LS
600			TFKSTA13 ¹	RS or LS
		12	TFKSTA7 ¹	RS or LS
		24	TFKSTA8 ¹	RS or LS
		48	TFKSTA9 ¹	RS or LS
		125	TFKSTA12 ¹	RS or LS
		250	TFKSTA11 ¹	RS or LS

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". "B" suffix not UL listed.

Not available with leads out the back on "Q-Line." For factory installation, contact Customer Service Center.

⁴For TB1 with bolt-on limiters.

