

Molded Case Circuit Breakers Industrial Circuit Breakers

15-100A

Thermal Magnetic Trip

Type TEY/TEYF

Noninterchangeable Trip

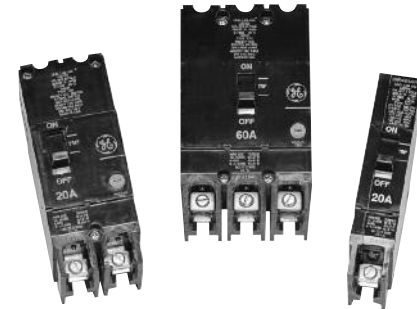
Bolt-on

480Y/277V Class

TEY and TEYF breakers are one-inch wide per pole, compact, bolt-on circuit breakers for use on grounded 480Y/277 Vac systems. Short circuit ratings at that voltage for TEY and TEYF are 14 and 18kA, respectively. TEYF also offers higher selectivity ratings with upstream devices (See DET-537 for details). The bolt-on mounting base (TEY3B) shown on page 6-105 makes TEY and TEYF suitable for various lug-applications.

TEY/TEYF

14kA @ 277, 480/277 Vac; 18kA @ 277, 480/277, 180/277 Vac



1- 2- and 3-pole TEY/TEYF breakers

Ampere Rating	Wire Range ¹	Product Number Type TEY ^{3,4}	Product Number Type TEYF ^{3,4}
Single Pole - Includes Integral Cu/Al Load Lugs			
15	14-10 Cu/14-10 Al	TEY115 ²	TEYF115 ²
20	14-10 Cu/14-10 Al	TEY120 ²	TEYF120 ²
25	14-10 Cu/14-10 Al	TEY125	TEYF125
30	14-10 Cu/14-10 Al	TEY130	TEYF130
35	10-4 Cu/10-4 Al	TEY135	TEYF135
40	10-4 Cu/10-4 Al	TEY140	TEYF140
45	10-4 Cu/10-4 Al	TEY145	TEYF145
50	10-4 Cu/10-4 Al	TEY150	TEYF150
60	10-4 Cu/10-4 Al	TEY160	TEYF160
70	4-1/0 Cu/4-1/0 Al	TEY170	
80	4-1/0 Cu/4-1/0 Al	TEY180	
90	4-1/0 Cu/4-1/0 Al	TEY190	
100	4-1/0 Cu/4-1/0 Al	TEY100	
Two-Pole - Includes Integral Cu/Al Load Lugs			
		Type TEY ^{3,4}	Type TEYF ^{3,4}
		14kA @ 480 / 277 Vac	18kA @ 480 / 277 Vac
15	14-10 Cu/14-10 Al	TEY215	TEYF215
20	14-10 Cu/14-10 Al	TEY220	TEYF220
25	14-10 Cu/14-10 Al	TEY225	TEYF225
30	14-10 Cu/14-10 Al	TEY230	TEYF230
35	10-4 Cu/10-4 Al	TEY235	TEYF235
40	10-4 Cu/10-4 Al	TEY240	TEYF240
45	10-4 Cu/10-4 Al	TEY245	TEYF245
50	10-4 Cu/10-4 Al	TEY250	TEYF250
60	10-4 Cu/10-4 Al	TEY260	TEYF260
70	4-1/0 Cu/4-1/0 Al	TEY270	TEYF270
80	4-1/0 Cu/4-1/0 Al	TEY280	TEYF280
90	4-1/0 Cu/4-1/0 Al	TEY290	TEYF290
100	4-1/0 Cu/4-1/0 Al	TEY2100	TEYF2100
110	4-2/0		TEYF2110B
125	4-2/0		TEYF2125B
Three-Pole - Includes Integral Cu/Al Load Lugs			
		Type TEY ^{3,4}	Type TEYF ^{3,4}
		14kA @ 480 / 277 Vac	18kA @ 480 / 277 Vac
15	14-10 Cu/14-10 Al	TEY315	TEYF315
20	14-10 Cu/14-10 Al	TEY320	TEYF320
25	14-10 Cu/14-10 Al	TEY325	TEYF325
30	14-10 Cu/14-10 Al	TEY330	TEYF330
35	10-4 Cu/10-4 Al	TEY335	TEYF335
40	10-4 Cu/10-4 Al	TEY340	TEYF340
45	10-4 Cu/10-4 Al	TEY345	TEYF345
50	10-4 Cu/10-4 Al	TEY350	TEYF350
60	10-4 Cu/10-4 Al	TEY360	TEYF360
70	4-1/0 Cu/4-1/0 Al	TEY370	TEYF370
80	4-1/0 Cu/4-1/0 Al	TEY380	TEYF380
90	4-1/0 Cu/4-1/0 Al	TEY390	TEYF390
100	4-1/0 Cu/4-1/0 Al	TEY3100	TEYF3100
110	4-2/0		TEYF3110B
125	4-2/0		TEYF3125B

¹Solid or stranded for 14-10 AWG.

²Single-pole, 15 and 20 ampere breakers are also UL listed as switching duty breakers, suitable for switching 120, 240, or 277 Vac.

³UL listed HACR (Heating, Air Conditioning, Refrigeration).

⁴UL listed for HID (high intensity discharge), all 50A or less.

Internal Accessories for TEY/TEYF (2- and 3-pole breaker only) Factory Installed Only

Auxiliary Switch, Single-Pole (5A at 120, 240, 277 Vac, 1/4 hp at 120, 240 Vdc)	Add suffix to Breaker Product Number
"A" switch (normally open)	AS1A ⁵
"B" switch (normally closed)	AS1B ⁵
"AB" switch (both)	ASAB ⁵
Shunt Trip 120-277 Vac control voltage	ST12 ⁵

⁵Limited to one accessory per breaker.

