

Molded Case Circuit Breakers Industrial Circuit Breakers

15-100A

Thermal Magnetic Trip

Type TEY/TEYF

Noninterchangeable Trip

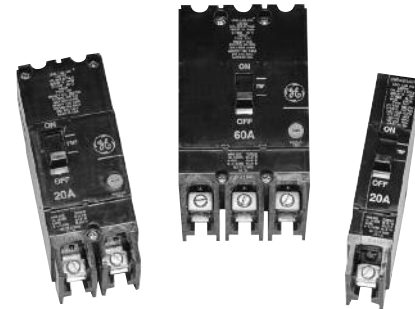
Bolt-on

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-application 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.

