

# Molded Case Circuit Breakers Industrial Circuit Breakers

## Section 6

15-125A

Thermal Magnetic Trip

Type TEYD/TEYH/TEYL

Noninterchangeable Trip

Bolt-on

480Y/277V Class

The TEY family of circuit breakers (TEY, TEYF, TEYD, TEYH, and TEYL) are one-inch wide per pole, compact, bolt-on circuit breakers for use on grounded 480Y/277 Vac systems, and are typically installed within Lighting Panelboards, including GE A-Series. Short circuit ratings at 480/277 Vac are shown in the tables that follow. Ratings at other voltages are shown in the Quick Reference Guide at the beginning of this section. Bolt-On mounting bases TEY3B (page 6-101) and TEY3B125 (page 6-33) make these frames suitable for unit mount / lug-lug connected applications. Handle tie kits, suitable for use with multiple single pole breakers used on shared neutral circuits (page 6-33) are available for TEYD/H/L circuit breakers.



1- 2- and 3-pole  
TEYD/TEYH/TEYL breakers

### TEYD/TEYH/TEYL (UL/CUL File E-11592)

Ampere Rating	Wire Range <sup>1</sup>	Product No.	Product No.	Product No.
<b>Single Pole</b>				
<b>Includes Load Lugs</b>				
		<b>Type TEYD</b> 25kA @ 480 / 277 Vac	<b>Type TEYH</b> 35kA @ 480 / 277 Vac	<b>Type TEYL</b> 65kA @ 480 / 277 Vac
15	#14-#10	TEYD1015B	TEYH1015B	TEYL1015B
20	#14-#10	TEYD1020B	TEYH1020B	TEYL1020B
25	#10-#4	TEYD1025B	TEYH1025B	TEYL1025B
30	#10-#4	TEYD1030B	TEYH1030B	TEYL1030B
35	#10-#4	TEYD1035B	TEYH1035B	TEYL1035B
40	#10-#4	TEYD1040B	TEYH1040B	TEYL1040B
45	#10-#4	TEYD1045B	TEYH1045B	TEYL1045B
50	#10-#4	TEYD1050B	TEYH1050B	TEYL1050B
60	#10-#4	TEYD1060B	TEYH1060B	TEYL1060B
70	#4-2/0	TEYD1070B	TEYH1070B	TEYL1070B
<b>Two-Pole</b>				
<b>Includes Load Lugs</b>				
		<b>Type TEYD</b> 25kA @ 480 / 277 Vac	<b>Type TEYH</b> 35kA @ 480 / 277 Vac	<b>Type TEYL</b> 65kA @ 480 / 277 Vac
15	#14-10	TEYD2015B	TEYH2015B	TEYL2015B
20	#14-10	TEYD2020B	TEYH2020B	TEYL2020B
25	#10-#4	TEYD2025B	TEYH2025B	TEYL2025B
30	#10-#4	TEYD2030B	TEYH2030B	TEYL2030B
35	#10-#4	TEYD2035B	TEYH2035B	TEYL2035B
40	#10-#4	TEYD2040B	TEYH2040B	TEYL2040B
45	#10-#4	TEYD2045B	TEYH2045B	TEYL2045B
50	#10-#4	TEYD2050B	TEYH2050B	TEYL2050B
60	#10-#4	TEYD2060B	TEYH2060B	TEYL2060B
70	#4-2/0	TEYD2070B	TEYH2070B	TEYL2070B
80	#4-2/0	TEYD2080B	TEYH2080B	TEYL2080B
90	#4-2/0	TEYD2090B	TEYH2090B	TEYL2090B
100	#4-2/0	TEYD2100B	TEYH2100B	TEYL2100B
110	#4-2/0	TEYD2110B	TEYH2110B	TEYL2110B
125	#4-2/0	TEYD2125B	TEYH2125B	TEYL2125B
<b>Three-Pole</b>				
<b>Includes Load Lugs</b>				
		<b>Type TEYD</b> 25kA @ 480 / 277 Vac	<b>Type TEYH</b> 35kA @ 480 / 277 Vac	<b>Type TEYL</b> 65kA @ 480 / 277 Vac
15	#14-#10	TEYD3015B	TEYH3015B	TEYL3015B
20	#14-#10	TEYD3020B	TEYH3020B	TEYL3020B
25	#10-#4	TEYD3025B	TEYH3025B	TEYL3025B
30	#10-#4	TEYD3030B	TEYH3030B	TEYL3030B
35	#10-#4	TEYD3035B	TEYH3035B	TEYL3035B
40	#10-#4	TEYD3040B	TEYH3040B	TEYL3040B
45	#10-#4	TEYD3045B	TEYH3045B	TEYL3045B
50	#10-#4	TEYD3050B	TEYH3050B	TEYL3050B
60	#10-#4	TEYD3060B	TEYH3060B	TEYL3060B
70	#4-2/0	TEYD3070B	TEYH3070B	TEYL3070B
80	#4-2/0	TEYD3080B	TEYH3080B	TEYL3080B
90	#4-2/0	TEYD3090B	TEYH3090B	TEYL3090B
100	#4-2/0	TEYD3100B	TEYH3100B	TEYL3100B
110	#4-2/0	TEYD3110B	TEYH3110B	TEYL3110B
125	#4-2/0	TEYD3125B	TEYH3125B	TEYL3125B

<sup>1</sup>Solid or stranded for 14-10 AWG.

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

<sup>3</sup>UL listed HACR (Heating, Air Conditioning, Refrigeration).

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



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### Internal Accessories for TEYD/TEYH/TEYL - Factory Installed Only

Description	Product Number
<b>TEYD/H/L UV Release<sup>1,3</sup></b>	
24 Vac	TEYXU1
48 Vac	TEYXU2
120 Vac	TEYXU3
240 Vac	TEYXU4
24 Vdc	TEYXU6
48 Vdc	TEYXU7
125 Vdc	TEYXU8
250 Vdc	TEYXU9
<b>TEYD/H/L Shunt Trip<sup>1</sup></b>	
24 Vac	TEYXS1
48 Vac	TEYXS2
120 Vac	TEYXS3
240 Vac	TEYXS4
24 Vdc	TEYXS6
48 Vdc	TEYXS7
125 Vdc	TEYXS8
250 Vdc	TEYXS9
<b>TEYD/H/L Auxiliary Switch<sup>2</sup></b>	
LT Pole	TEYXASL
RT Pole	TEYXASR
<b>Bell Alarm</b>	
TEYD/H/L Bell Alarm - Form C <sup>1</sup>	TEYXBA1
<b>TEYD/H/L Mounting Base</b>	
3-P 15-100A Mounting Base	TEY3B
3-P 110/125A Mounting Base	TEY3B125
<b>TEYD/H/L Handle Tie</b>	
TEYD/H/L 2-Pole Handle Tie	TEYXHT2
10-Pack TEYD/H/L 2-Pole Handle Tie (10 Pack)	TEYXHT2K
TEYD/H/L 3-Pole Handle Tie	TEYXHT3
10-Pack TEYD/H/L 3-Pole Handle Tie (10 Pack)	TEYXHT3K
<b>TEYD/TEYH/TEYL Padlocking</b>	
Padlock Device	TEYXPLD1

<sup>1</sup>Right hand mounting only.

<sup>2</sup>Right or left hand mounting.

<sup>3</sup>Only available in 3-pole circuit breaker.

### TEYD/TEYH/TEYL Reference Publications

Installation Instructions	DEH-41590
Mounting Base Installation Instructions	DEH-41556
1-Pole Circuit Breaker Outline Drawing	10106028SH1
3-Pole Circuit Breaker Outline Drawing	10106029SH1
2-Pole Circuit Breaker Outline Drawing	10106030SH1
TEY3B125 Mounting Base Outline Drawing	10110291SH1

