



## THQL (Plug-In) and THQB (Bolt-On) Circuit Breakers

- 1-pole 120VAC; 2-pole 120/240VAC; 3-pole 240VAC
- Screw clamp connection up to 30A; box lug connection 35A and higher

Bolt-on breakers are for use in 120/240V AQL lighting panels. Plug-in breakers are for use in AQL lighting panels and Power Mark Gold load centers.

Amps	Series	1-POLE Item No.	2-POLE Item No.	3-POLE Item No.
<b>Standard, 10kA at 120/240V AC Max. AIR Rating</b>				
15 A	THQL	3HXH4	3HXK5	3AGG8
15 A	THQB	3HXR3	3HXU2	3HXW2
20 A	THQL	3HXH8	3HXK8	3AGG9
20 A	THQB	3HXR6	3HXU5	3HXW3
25 A	THQL	3HXJ3	3XL2	3HXN1
25 A	THQB	3HXR9	3XU8	3HXW4
30 A	THQL	3HXJ4	3XL3	3HXN2
30 A	THQB	3HXT1	3XU9	3HXW5
35 A	THQL	3HXJ7	3XL6	3HXN3
35 A	THQB	3HXT4	3HXV3	3HXW6
40 A	THQL	3HXJ8	3XL7	3HXN4
40 A	THQB	3HXT5	3HXV4	3HXW7
45 A	THQL	3HXJ9	3XL8	3HXN5
45 A	THQB	3HXT6	3HXV5	3HXW8
50 A	THQL	3HXK1	3XL9	3HXN6
50 A	THQB	3HXT7	3HXV6	3HXW9
60 A	THQL	3HXK2	3AGG1	3HXN7
60 A	THQB	3HXT8	3HXV7	3HXK1
70 A	THQL	3HXT3	3AGG2	3HXN8
70 A	THQB	3HXT9	3HXV8	3HXK2
80 A	THQL	—	3AGG3	3HXN9
80 A	THQB	—	3HXV9	3HXK3
90 A	THQL	—	3AGG4	3HXP1
90 A	THQB	—	3HXW1	3HXK4
100 A	THQL	—	3HXK4	3HXP2
100 A	THQB	—	3HXU1	3HXK5
<b>High Interrupting Capacity, 22kA at 120/240V AC Max. AIR Rating</b>				
20 A	THQL	3HXG2	3HXG6	3HXG9
20 A	THQB	3HXP3	3HXP6	3HXP9
30 A	THQL	3HXG3	3HXG7	3HXH1
30 A	THQB	3HXP4	3HXP7	3HXR1
60 A	THQL	3HXG4	3HXG8	3HXH2

Amps	Series	1-POLE Item No.	2-POLE Item No.	3-POLE Item No.
60 A	THQB	3HXP5	3HXP8	3HXR2
100 A	THQL	3HXG5	3HXG5	3HXH3
<b>HID (High Intensity Discharge Lighting Loads), 10kA at 120/240V AC Max. AIR Rating</b>				
15 A	THQL	3HXH6	3HXK7	—
15 A	THQB	3HXR5	3HXU4	—
20 A	THQL	3HXJ1	3XL1	—
20 A	THQB	3HXR8	3XU7	—
30 A	THQL	3HXJ6	3XL5	—
30 A	THQB	3HXT3	3HXV2	—
<b>Switching Neutral (Thermal Magnetic Pole and Nonautomatic Pole for Switching Neutral), 10kA at 120/240V AC Max. AIR Rating</b>				
15 A	THQL	—	3AGG5	—
20 A	THQL	—	3AGG6	—
30 A	THQL	—	3AGG7	—
<b>High Magnetic (High Inrush Loads), 10kA at 120/240V AC Max. AIR Rating</b>				
15 A	THQL	3HXH7	—	—
20 A	THQL	3HXJ2	—	—
<b>Arc Fault Circuit Interrupter, 10kA at 120/240V AC Max. AIR Rating</b>				
15 A	THQB	32HY01	—	—
15 A	THQL	32HY05	—	—
20 A	THQB	32HY02	—	—
20 A	THQL	32HY06	—	—
<b>Accessories</b>				
Bolt-On Mounting Base		—	—	3HWP3
Main Breaker Retainer, RK1		—	—	32WR76
Main Breaker Retainer, RK2		—	—	32WR77
Main Breaker Retainer, RK3		—	—	32WR78
Main Breaker Retainer, RK4		—	—	32WR79
Surge Arrester		—	—	32WR80

## THQL Load Centers

Designed with sturdy copper bus and galvanized box to increase durability and reliability. Reduce total cost through faster, easier installation. Enhanced application flexibility and reduced inventory requirements. Side mounted main breaker allows top or bottom feed. Maintain optimum wire-bending space. Load center accessories available, see Grainger.com.



32WR97

Amps	No. of Spaces	NEMA 1 INDOOR				NEMA 3R OUTDOOR					
		H	W	D	Mfr. Model	Item No.	H	W	D	Mfr. Model	Item No.
<b>1-Phase, 120/240V AC, Tin Plated Copper Bus</b>											
<b>Convertible, Main Lug</b>											
125 A	8	12.36 in	12.59 in	3 3/4 in	TLM812FCUD	32WR94 *	11.34 in	11.75 in	4 1/4 in	TLM812RCU	32WR95
125 A	8	11.33 in	11.58 in	3 3/4 in	TLM812SCUD	32WR96 †	—	—	—	—	—
125 A	24	26.05 in	15.36 in	3 7/8 in	TLM2412CCU	32WR88	30.19 in	14.86 in	5 7/8 in	TLM2412RCU	32WR89
200 A	40	40.55 in	15.36 in	3 7/8 in	TLM4020CCU	32WR90	43.22 in	14.86 in	6 1/2 in	TLM4020RCU	32WR91
225 A	42	44.8 in	15.36 in	3 7/8 in	TLM4222CCU	32WR92	43.22 in	14.86 in	6 1/2 in	TLM4222RCU	32WR93
<b>Main Circuit Breaker</b>											
125 A	24	26.05 in	15.36 in	3 7/8 in	TM2412CCU	32WR99	30.19 in	14.86 in	5 7/8 in	TM2412RCU	32WT01
200 A	40	40.55 in	15.36 in	3 7/8 in	TM4020CCU	32WT04	43.22 in	14.84 in	6 1/2 in	TM4020RCU	32WT05
225 A	42	44.8 in	15.36 in	3 7/8 in	TM4222CCU	32WT06	43.22 in	14.84 in	6 1/2 in	TM4222RCU	32WT07
<b>3-Phase, 120/208V AC, Aluminum Bus</b>											
100 A	18	24.38 in	15.36 in	3 7/8 in	TM18410C	32WR97	27 in	13.25 in	5 1/2 in	TM18410R	32WR98
200 A	30	36.8 in	15.36 in	3 7/8 in	TM30420C	32WT02	36.25 in	12.88 in	5 1/2 in	TM30420R	32WT03
<b>3-Phase, 208Y/120V AC, Aluminum Bus</b>											
225 A	42	44.81 in	15.36 in	4 3/4 in	TM42422C	32WT08	41.34 in	13.25 in	6 4/4 in	TM42422R	32WT09
<b>Main Lug</b>											
125 A	12	20.38 in	15.36 in	3 7/8 in	TL12412C	32WR81	21.75 in	13.25 in	5 3/4 in	TL12412R	32WR82
225 A	30	44.81 in	15.36 in	4 3/4 in	TL30422C	32WR83	—	—	—	—	—
225 A	42	44.81 in	15.36 in	4 3/4 in	TL42422C	32WR84	41.34 in	13.25 in	6 4/4 in	TL42422R	32WR85

\* Flush enclosure. † Surface enclosure.

## TEY (Bolt-On) Circuit Breakers

- 1-pole 277VAC; 2- and 3-pole 277/480VAC
- 14K AIR
- Screw clamp connection up to 30A; box lug connection 35A and higher

Molded-case breakers for use in 1" pole spacings in 480/277V AE lighting panels.



1-Pole

2-Pole

3-Pole

Amps	Max. Wire Size	1-POLE Item No.	2-POLE Item No.	3-POLE Item No.
15 A	10 AWG	3HXA9	3HXD4	3HXE8
20 A	10 AWG	3HXC1	3HXD5	3HXE9
25 A	10 AWG	3HXC2	3HXD6	3HXF1
30 A	10 AWG	3HXC3	3HXD7	3HXF2
35 A	4 AWG	3HXC4	3HXD8	3HXF3
40 A	4 AWG	3HXC5	3HXD9	3HXF4
45 A	4 AWG	3HXC6	3HXC1	3HXF5
50 A	4 AWG	3HXC7	3HXC2	3HXF6
60 A	4 AWG	3HXC8	3HXC3	3HXF7
70 A	1/0 AWG	3HXC9	3HXC4	3HXF8
80 A	1/0 AWG	3HXD1	3HXC5	3HXF9
90 A	1/0 AWG	3HXD2	3HXC6	3HKG1
100 A	1/0 AWG	3HXA8	3HXD3	3HKE7
Bolt-On Mounting Base		—	—	3HWP3