

# Tandem and Quads

## The new space-saving circuit breakers



Same panel space, twice the circuits. The new residential circuit breakers help ensure code compliance, total compatibility with new and existing single phase ABB and GE by ABB PowerMark™ load centers and great flexibility to work in all mounting positions, with or without wing stabs.

### Benefits

- Potential to get twice the number of circuit breaker poles in each standard 1" space
- Compatibility with new and existing single phase ABB & GE by ABB PowerMark™ load centers & Meter Socket Load Centers made over the last 50+ years
- Flexible to work in all PowerMark™ Gold Load Center mounting positions, no THQP 1/2" breaker wing stabs required
- Fast wiring box type lugs keep wire(s) in place while tightening
- Lugs are multi-wire listed for up to 2 #10 wires (handy for connecting Surge Protective Devices such as ABB's THOMESURGE)
- Quick-make-quick-break mechanism
- Easy-to-read trip indication via 3 handle positions: "on", "tripped" (center position) and "off"
- Convenient combination Robertson/Flat Head Lug screws, ensuring positive screw head engagement and flexible installation
- Easy-to-order catalog number system

### Technical specifications and features

- Rated for use on single phase 120/240 & 120/208 VAC systems
- 60°C/75°C conductor rated
- HACR and SWD rated
- Meets UL and cUL 489 requirements
- Protection up to 10,000 amps of available fault current

### Catalogue number system

#### THQLT1515

- "T" indicates a Tandem breaker offering (2) single pole breakers
- 1515 means both poles are 15 amp

#### THQLQ153015

- "Q" indicates a Quad breaker offering (2) single pole breakers and (1) two pole breaker
- 153015 means the outside poles are 15 amp single poles & the middle poles are a 30 amp two pole

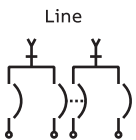
## Ordering data

01 THQLT  
Tandem breaker



2 Loads  
1" Space

02 THQLQ  
Quads breaker



LOAD  
(2) 1pole Loads+  
(1) 2pole Load  
2" Space

### Tandems

Breaker Type	Amperage ratings by position			Catalog Number
THQLT	Right	Center	Left	
(2) 1poles	15	-	15	THQLT1515
1" Space used	20	-	20	THQLT2020
10KAIC @ 120V	15	-	20	THQLT1520

### Quads

Breaker Type	Amperage ratings by position			Catalog Number
THQLQ	Right	Center 2P	Left	
(2) 1poles & (1) 2pole	15	15	15	THQLQ151515
2" Space used	15	20	15	THQLQ152015
10KAIC @ 120/240V	15	30	15	THQLQ153015
	15	40	15	THQLQ154015
	20	15	20	THQLQ201520
	20	20	20	THQLQ202020
	20	30	20	THQLQ203020
	20	40	20	THQLQ204020
	20	30	15	THQLQ203015

### Wire Size

Breaker Type	Amperage rating	Wire size AWG/kcmil	
		Cu	Al
THQLT & THQLQ	15-30	14-8 <sup>1</sup>	12-8
	40	8-4	8-4

<sup>1</sup> (2)14 – 10 AWG Stranded Cu  
(2)14 – 10 AWG Solid Cu

ABB Inc.  
305 Gregson Drive  
Cary, NC 27511  
United States

[electrification.us.abb.com](http://electrification.us.abb.com)

GE is a trademark of GE.  
Manufactured by ABB Inc. under license  
from General Electric Company.



We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB AG does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB Inc. Copyright© 2023 ABB All rights reserved