

GE THQP ½” vs ABB Tandem & Quad Circuit Breakers

As GE Residential Electrical Products transitions to ABB brand for circuit protection products, ABB is introducing tandem and quad series plug-in circuit breakers to offer extra circuit capability in any existing GE or future ABB load center. These ABB tandem and quad circuit breakers offer a better long-term solution for maximizing the number of circuits in a load center. While GE's THQP ½ inch circuit breakers offered a unique ability to expand additional circuits in a GE load center, they could not be installed in every GE load center or in every space of a GE load center. The ABB tandem circuit breakers can be installed in any one-inch space in an existing GE or a new ABB load center. The quad circuit breakers can be installed in any (2) one-inch spaces. The tandem & quad circuit breakers can even be installed in any existing GE load center that previously did not previously accept THQP ½ inch style circuit breakers expanding capability that was not previously available.

- The tandem circuit breakers utilize (1) one inch space and are offered in 15- or 20-amp single pole models. Or a combination of 15 and 20a in the same tandem circuit breaker = 2 circuits in one space.
- The quad circuit breakers utilize (2) two-inch spaces and offer a 2pole option ranging from 15 to 40 amps, as well as two 1pole 15 or 20a tandem circuit breakers on each side of the 2pole circuit breaker = 4 circuits in two spaces.

All Home Depot stores stocking ABB load centers will offer the THQLT1515A (15-amp 1pole tandem), THQLT2020A (20-amp 1pole tandem), and the THQLQ203020A (30a 2pole, and (2) 20-amp 1pole tandem), while select stores with unique applications will receive additional quad options that would include other 2pole options such as 15, 20 or 40 amps. This will allow for easy installation and compatibility with all single-phase ABB ReliaHome and legacy single phase GE PowerMark load centers. THQP breakers will remain available as an option for existing replacement business only.

- THQP circuit breakers can only be used in ½” compatible GE load centers.
- THQLT and THQLQ tandem and quad circuit breakers can be used in any GE or ABB load center.

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

Tandems

Breaker Type

THQLT	Right	Center	Left	THD SKU	Catalog Number
(2) 1poles	15	—	15	1012127636	THQLT1515A
1" Space used	20	—	20	1012127647	THQLT2020A
10KAIC @ 120V	15	—	20	1012127644	THQLT1520A

Quads

Breaker Type

THQLQ	Right	Center	Left	THD SKU	Catalog Number
(2) 1poles & (1) 2pole	15	15	15	1012127583	THQLQ151515A
2" Space used	15	20	15	1012127597	THQLQ152015A
10KAIC @ 120/240V	15	30	15	1012127661	THQLQ153015A
	15	40	15	1012127601	THQLQ154015A
	20	15	20	1012127607	THQLQ201520A
	20	20	20	1012127609	THQLQ202020A
	20	30	20	1012127630	THQLQ203020A
	20	40	20	1012127631	THQLQ204020A
	20	30	15	1012127623	THQLQ203015A

01 THQLT
Tandem breaker



2 Loads
1" Space

02 THQLQ
Quad breaker



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