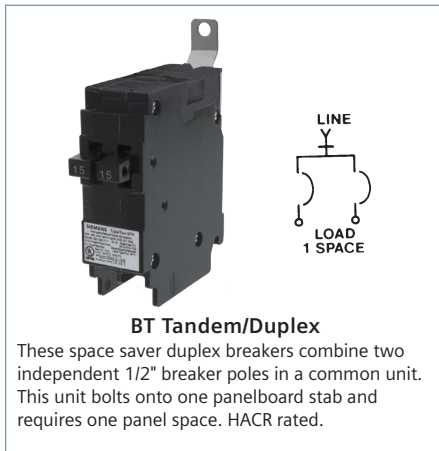


## Mini Circuit Breaker

# Multi-Pole Breakers

## BT/BTH Bolt-on and QT Plug-in



### BT Tandem/Duplex Bolt-on Breakers for Panelboard Applications

Amperage	Poles	BT ①②	BTH ①②	Wire Range
UL 489 Interrupting Ratings		10kAIC	22kAIC	
15 - 15	1	B1515	B1515H	#14 - #12 AWG Cu #12 - #10 AWG Al
20 - 20	1	B2020	B2020H	

① UL Listed for frequent switching applications (SWD).

② UL Listed for use with 60/75° wire through 40 amps, UL listed for use with 75° wire only for 50 amps and above, HACR rated.

**Note:** BT and BTH series breakers can be used in any Siemens panelboard in positions that accept BL or BLH series breakers. It is the installer's responsibility to ensure that there are adequate neutral connections available in the panel before installing these breakers.

### External Accessories ①

Description	Catalog Number	No. of Poles
Padlocking Device	ECPLD1	1
	ECPLD1R	1
	ECQLD4	1
Handle Tie	ECQTH2	2
Handle Blocking Device	ECBX231M	1

① Can be used with QT and BT/BTH Tandem Circuit Breakers

### Standards:

UL 489  
CSA C22.2 NO. 5-16  
NMX-J-266-ANCE

**FAQ:** A single 20A BL or BLH 1-pole breaker can be replaced by a twin/tandem 20A BT or BTH breaker to increase the available circuits to two total.

#### a) How does this help the customer in a previously installed panel?

If there is a 42 circuit panel that is filled with breakers and a customer needs to add three 15A circuits, the customer can replace three 1-pole BL's with three tandem BT's and avoid replacing the entire panel with a larger panel.

#### b) How does this help when configuring a new panel?

For those applications where space is at a premium (e.g. MCC's, IPS switchboards, mini power centers, OEM applications, etc..) a panelboard configured with BT breakers will provide the smallest panelboard interior size in the industry.

**QT Duplex**

These space saver duplex breakers combine two independent 1/2" breaker poles in a common unit. This unit plugs into one load center stab and requires one panel space. HACR rated.

**QT Triplex**

These space saver triplex breakers provide a 2-pole common trip breaker for 120/240V AC circuits and two single poles for 120V AC circuits. Triplex require two panel spaces. HACR rated.

**QT Quadplex**

These space saver quadplex breakers provide two sets of common trip, two-pole breakers for 120/240V AC circuits, and require two panel spaces. HACR rated.

## Triplex and Quadplex Plug-in Breakers for Load Center Applications ②

Amperage		Catalog Number
Single Pole	Common-Trip	
15	15	Q21515CT
15	20	Q21520CT
15	25	Q21525CT
15	30	Q21530CT
15	35	Q21535CT
15	40	Q21540CT
15	45	Q21545CT
15	50	Q21550CT
20	20	Q22020CT
20	25	Q22025CT
20	30	Q22030CT
20	35	Q22035CT
20	40	Q22040CT
20	45	Q22045CT
20	50	Q22050CT
30	30	Q23030CT

Amperage		Catalog Number
Common-Trip 2-Pole Outside	Common-Trip 2-Pole Inside	
15	15	Q21515CT2
15	30	Q21530CT2
20	20	Q22020CT2
20	50	Q22050CT2
30	20	Q23020CT2
30	25	Q23020CT2
30	30	Q23030CT2
30	50	Q23050CT2
40	20	Q24020CT2
40	30	Q24030CT2
40	40	Q24040CT2

## QT Plug-in Series Breakers for Load Center Applications

Amperage	Poles	QT ②
15 - 15	1	Q1515 ①
15 - 20	1	Q1520 ①
20 - 20	1	Q2020 ①
20 - 30	1	Q2030
30 - 15	1	Q3015
30 - 20	1	Q3020
30 - 30	1	Q3030

Amperage	Poles	QT (Non-CTL)
15 - 15	1	Q1515NC
15 - 20	1	Q1520NC
20 - 20	1	Q2020NC

① UL Listed for frequent switching applications (SWD).

② UL Listed for use with 60/75° wire through 40 amps, UL listed for use with 75° wire only for 50 amps and above, HACR rated.

**Note:** Tandem, Triplex and Quadplex breakers can be installed in any load center that lists that breaker type or where a substitution letter exists for that breaker type. The schematic located on the wiring diagram will show the positions where these breakers can be placed by showing two circuits per space. The total circuits listed for panel should not be exceeded.

