

Circuit Breakers

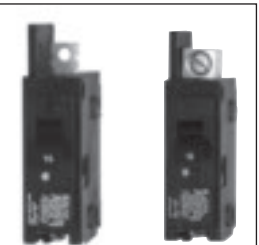
Lug-In/Lug-Out with INSTA-WIRE

Selection

All BQ/BQH/HBQ circuit breakers are supplied with load side lugs. If line side lugs are required, add suffix "L" to catalog number. Lugs will be supplied at no charge if ordered with the circuit breaker. All standard circuit breakers are calibrated for 40(insert degree symbol)C maximum ambient application.

1-Pole Plug-In (120V AC)^{①⑤}

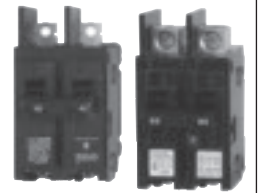
Continuous Current Rating @ 40° C	Type BQ		Type BQH		Type HBQ	
	10,000A IR		22,000A IR		65,000A IR	
	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
10	BQ1B010	30.00	—	—	—	—
15	BQ1B015 ^④	30.00	BQ1B015H ^④	59.00	HB1B015 ^④	101.00
20	BQ1B020 ^④	30.00	BQ1B020H ^④	59.00	HB1B020 ^④	101.00
25	BQ1B025	30.00	BQ1B025H [■]	59.00	HB1B025 [■]	101.00
30	BQ1B030	30.00	BQ1B030H	66.00	HB1B030 [■]	101.00
35	BQ1B035 [■]	30.00	BQ1B035H [■]	66.00	HB1B035 [■]	101.00
40	BQ1B040	30.00	BQ1B040H	66.00	HB1B040 [■]	118.00
45	BQ1B045 [■]	30.00	BQ1B045H [■]	66.00	HB1B045 [■]	118.00
50	BQ1B050	30.00	BQ1B050H	66.00	HB1B050 [■]	118.00
60	BQ1B060 [■]	30.00	BQ1B060H [■]	66.00	HB1B060 [■]	118.00
70	BQ1B070 [■]	30.00	BQ1B070H [■]	83.00	HB1B070 [■]	126.00



1-Pole

2-Pole Plug-In (Common-Trip 120/240V AC)^{①⑥}

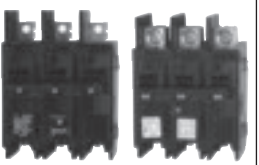
10	BQ2B010	68.00	—	—	—	—
15	BQ2B015	68.00	BQ2B015H	133.00	HB2B015 [■]	247.00
20	BQ2B020	68.00	BQ2B020H	133.00	HB2B020 [■]	247.00
25	BQ2B025	68.00	BQ2B025H [■]	133.00	HB2B025 [■]	247.00
30	BQ2B030	68.00	BQ2B030H	133.00	HB2B030 [■]	247.00
35	BQ2B035	68.00	BQ2B035H [■]	133.00	HB2B035 [■]	247.00
40	BQ2B040	68.00	BQ2B040H	133.00	HB2B040 [■]	302.00
45	BQ2B045	68.00	BQ2B045H [■]	133.00	HB2B045 [■]	302.00
50	BQ2B050	68.00	BQ2B050H	133.00	HB2B050 [■]	302.00
60	BQ2B060	68.00	BQ2B060H	133.00	HB2B060 [■]	302.00
70	BQ2B070	133.00	BQ2B070H	200.00	HB2B070 [■]	494.00
80	BQ2B080	181.00	BQ2B080H [■]	291.00	HB2B080 [■]	—
90	BQ2B090	181.00	BQ2B090H [■]	291.00	HB2B090 [■]	558.00
100	BQ2B100	181.00	BQ2B100H	291.00	HB2B100 [■]	558.00
110	BQ2B110	364.00	BQ2B110H	770.00	HB2B110 [■]	1605.00
125	BQ2B125	385.00	BQ2B125H	994.00	HB2B125 [■]	1605.00



2-Pole

2-Pole Plug-In (Common-Trip 240V AC)^{①③④}

15	BQ2H015	181.00	—	—	—	—
20	BQ2H020	181.00	—	—	—	—
30	BQ2H030	181.00	—	—	—	—
40	BQ2H040 [■]	181.00	—	—	—	—
50	BQ2H050	181.00	—	—	—	—
60	BQ2H060	181.00	—	—	—	—
70	BQ2H070 [■]	240.00	—	—	—	—
80	BQ2H080 [■]	273.00	—	—	—	—
90	BQ2H090 [■]	273.00	—	—	—	—
100	BQ2H100 [■]	273.00	—	—	—	—



3-Pole

3-Pole Plug-In (Common-Trip 240V AC)^{①⑦}

10	BQ3B010	227.00	—	—	—	—
15	BQ3B015	227.00	BQ3B015H	341.00	HB3B015 [■]	429.00
20	BQ3B020	227.00	BQ3B020H	341.00	HB3B020 [■]	429.00
25	BQ3B025 [■]	227.00	BQ3B025H [■]	341.00	HB3B025 [■]	429.00
30	BQ3B030	227.00	BQ3B030H	341.00	HB3B030 [■]	429.00
35	BQ3B035 [■]	227.00	BQ3B035H	341.00	HB3B035 [■]	429.00
40	BQ3B040	227.00	BQ3B040H	341.00	HB3B040 [■]	522.00
45	BQ3B045 [■]	227.00	BQ3B045H	341.00	HB3B045 [■]	522.00
50	BQ3B050	227.00	BQ3B050H	341.00	HB3B050 [■]	522.00
60	BQ3B060	227.00	BQ3B060H	341.00	HB3B060 [■]	522.00
70	BQ3B070	278.00	BQ3B070H	414.00	HB3B070 [■]	558.00
80	BQ3B080	314.00	BQ3B080H [■]	485.00	HB3B080 [■]	656.00
90	BQ3B090	314.00	BQ3B090H [■]	485.00	HB3B090 [■]	656.00
100	BQ3B100	314.00	BQ3B100H	485.00	HB3B100 [■]	656.00

MP-T / MP-HT / MP-MT Accessories

Description	Catalog Number	Field/Factory Installed	List Price \$
120V Shunt Trip	add suffix...00S01 [■]	Factory	134.00(adder)
24V Shunt Trip	add suffix...00S07 [■]	Factory	134.00(adder)
120V Auxiliary Switch	add suffix...01 [■] ②	Factory	74.00(adder)
1-Pole Padlocking Device	ECPLD1	Field	8.20
2-Pole Padlocking Device	ECPLD2	Field	7.50
3-Pole Padlocking Device	ECQLD3	Field	8.00
Handle Block	ECQL1	Field	7.40

Factory Modifications

Description	Catalog Number	List Price \$
Ring Terminal	add suffix...C	No adder
Line Side Lugs	add suffix...L	No adder
Quick Connect Lug	add suffix...QX	7.00 (adder per pole)
400Hz Calibration	add suffix...Y ^⑥	7.50(adder)
415V 50Hz Calibration	add suffix...E ^{⑥⑧}	No adder
Marine 50° C Ambient Calibration	add suffix...M ^⑥	No adder
Fungus Proofing	add suffix...F	10.00 (adder per pole)

① UL Listed for use with 60/75° wire through 125 amps, HACR rated. 120V AC Fluorescent Lighting.
② 1A and 1B contacts.
③ UL Listed for use on 3 phase grounded "B" systems —

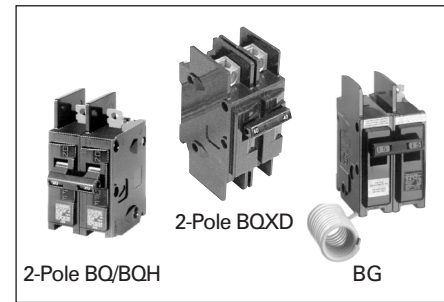
10,000 for this application.
④ UL Listed for frequent switching applications (SWD).
⑤ Shipped 12 per sleeve.
⑥ Shipped 6 per sleeve.

⑦ Shipped 4 per sleeve.
⑧ UL Listed 5KA IR.
⑨ Not UL Listed.
⑩ 1 & 2 Poles only.

■ Built to order. Allow 2-3 weeks for delivery

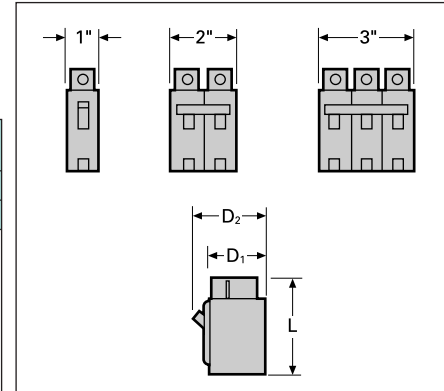
Special Applications Breakers — Switching Neutrals

Breaker Type	Ampere Rating	Complete Breaker UL Unenclosed		Interrupting Ratings (KA) (RMS Symmetrical Amperes)		
		Catalog Number	List Price \$	Volts AC		
2 Wire Common Trip Bolt-on BG 120V AC	15	BG2B015		10		
	20	BG2B020		10		
	30	BG2B030		10		
	SHIPPING: 3 per carton, 36 per master carton (Wt. 24 lbs.)					
3 Wire Common Trip Bolt-on BG 120/240V AC	15	BG3B015			10	
	20	BG3B020			10	
	30	BG3B030			10	
	SHIPPING: 2 per carton, 24 per master carton (Wt. 24 lbs.)					



Type BQXD — BQ Breaker with DIN Rail Mounting

Continuous Current Rating	1-Pole 120V AC		2-Pole 120/240V AC		Interrupting Ratings (KA) (RMS Symmetrical Amperes)	
	Catalog Number	List Price \$	Catalog Number	List Price \$	Volts AC	
15	BQ1B015QLD		BQ2B015QLD		10	
20	BQ1B020QLD		BQ2B020QLD			
25	BQ1B025QLD		BQ2B025QLD			
30	BQ1B030QLD		BQ2B030QLD			
35	BQ1B035QLD		BQ2B035QLD			
40	BQ1B040QLD		BQ2B040QLD			
45	BQ1B045QLD		BQ2B045QLD			
50	BQ1B050QLD		BQ2B050QLD			
60	BQ1B060QLD		BQ2B060QLD			



Breaker Type	Amperes	Dimensions (inches)		
		L	D1	D2
BQ, BQH	15–50	3%	2%	3
BQ, BQH	55–125	4	2%	3
HBQ	15–125	4	2%	3
BQXD	15–60	4%	2%	3

Finger Safe Terminal Shield

Protects against accidental contact with lugs—1 per lug. Fits line and load end.

Catalog Number	Qty	List Price \$
BQFS2	2	
BQFS1K	1000	

Shipping Weights

Number of Poles	Number Per Carton / Master	Shipping Weight (lbs.) Master
BQ		
1 (15–50A)	6/72	23
1 (55–70A)	6/66	23
1 (15–70A, 22 and 65K A IR)	6/66	23
2 (15–50A)	3/36	24
2 (60–125A)	3/33	23
2 (15–100A, 22 and 65K A IR)	3/33	24
2 (15–100A, 240V)	3/33	23
3 (15–100A)	2/22	23
BQH and HBQ		
1	6/66	23
2	3/33	24
3	2/22	24

Enclosures		
Type	Catalog Number®	List Price \$
1	EB3100S ③⑦	
3R	WB3100	

Lugs-For Use with BQ, BQH, HBQ®

Circuit Breaker Amp. Rtg.	Cab. Per Lug	Lug Wire Range AWG	Catalog Number	List Price \$ (Qty. 6)
Line Side				
15–40	1	#14–#6 Cu #12–#6 Al	TC1Q1 ①②④	
50–100	1	#8–#1 Cu #6–#1/0 Al	TA1Q1®	
Load Side				
15–20	1	#14–#10 Cu #14–#10 Al	Connectors are supplied with Circuit Breaker	
25–35	1	#14–#6 Cu #14–#6 Al		
40–50	1	#8–#6 Cu #8–#4 Al		
55–70	1	#8–#4 Cu #8–#2 Al		
80–100	1	#4–#1/0 Cu #2–#1/0 Al		
110–125	1	#2–#1/0 Cu #1/0–#2/0 Cu		

For inches / millimeters conversion, see Application Data section.

■ Built to order. Allow 2–3 weeks for delivery.

① Terminals are UL Listed for 60°/75°C conductors.

Also CSA Listed.

② Connector has steel construction.

③ Surface mounted indoor. If flush mounting is required, replace suffix “S” in catalog number with suffix “F”.

④ Neutral included in enclosure.

⑤ Enclosure will not accept circuit breakers with shunt trips or auxiliary switches installed.

⑥ Package of 6 connectors.

⑦ BQXD uses TA1Q1 or TC1Q1 lugs on both line and load ends.

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