

# General Application Molded Case Circuit Breakers

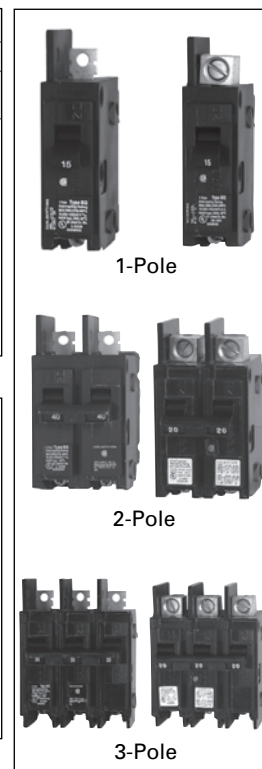
## Lug-In/Lug-Out with INSTA-WIRE

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. Consult Siemens for any additional charge. All standard circuit breakers are calibrated for 40°C maximum ambient application.

### 1-Pole Plug-In (120V AC)<sup>①⑤</sup>

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		BQ1B010H	—	HB1B010	—
15	BQ1B015 <sup>②</sup>		BQ1B015H <sup>②</sup>		HB1B015 <sup>②</sup>	
20	BQ1B020 <sup>②</sup>		BQ1B020H <sup>②</sup>		HB1B020 <sup>②</sup>	
25	BQ1B025		BQ1B025H		HB1B025	
30	BQ1B030		BQ1B030H		HB1B030	
35	BQ1B035■		BQ1B035H■		HB1B035■	
40	BQ1B040		BQ1B040H		HB1B040	
45	BQ1B045■		BQ1B045H■		HB1B045■	
50	BQ1B050		BQ1B050H		HB1B050	
60	BQ1B060■		BQ1B060H■		HB1B060■	
70	BQ1B070■		BQ1B070H■		HB1B070■	



### 2-Pole Plug-In (Common-Trip 120/240V AC)<sup>①⑥</sup>

10	BQ2B010		—	—	HB2B010■	
15	BQ2B015		BQ2B015H	—	HB2B015■	
20	BQ2B020		BQ2B020H		HB2B020■	
25	BQ2B025		BQ2B025H■		HB2B025■	
30	BQ2B030		BQ2B030H		HB2B030■	
35	BQ2B035		BQ2B035H■		HB2B035■	
40	BQ2B040		BQ2B040H		HB2B040■	
45	BQ2B045		BQ2B045H■		HB2B045■	
50	BQ2B050		BQ2B050H		HB2B050■	
60	BQ2B060		BQ2B060H		HB2B060■	
70	BQ2B070		BQ2B070H■		HB2B070■	
80	BQ2B080		BQ2B080H■		HB2B080■	
90	BQ2B090		BQ2B090H■		HB2B090■	
100	BQ2B100		BQ2B100H		HB2B100■	
110	BQ2B110		BQ2B110H		HB2B110■	
125	BQ2B125		BQ2B125H		HB2B125■	

### 2-Pole Plug-In (Common-Trip 240V AC)<sup>①③⑥</sup>

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

### 3-Pole Plug-In (Common-Trip 240V AC)<sup>①⑦</sup>

10	BQ3B010		—	—	HB3B010	
15	BQ3B015		BQ3B015H	—	HB3B015■	
20	BQ3B020		BQ3B020H		HB3B020■	
25	BQ3B025■		BQ3B025H■		HB3B025■	
30	BQ3B030		BQ3B030H		HB3B030	
35	BQ3B035■		BQ3B035H		HB3B035■	
40	BQ3B040		BQ3B040H		HB3B040	
45	BQ3B045■		BQ3B045H		HB3B045■	
50	BQ3B050		BQ3B050H		HB3B050	
60	BQ3B060		BQ3B060H		HB3B060	
70	BQ3B070		BQ3B070H		HB3B070■	
80	BQ3B080		BQ3B080H■		HB3B080■	
90	BQ3B090		BQ3B090H■		HB3B090■	
100	BQ3B100		BQ3B100H		HB3B100	

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

Description	Catalog Number	Field/Factory Installed	List Price \$
120V Shunt Trip	add suffix...00S01■	Factory	(adder)
24V Shunt Trip	add suffix...00S07■	Factory	(adder)
120V Auxiliary Switch	add suffix...01■ <sup>②</sup>	Factory	(adder)
1-Pole Padlocking Device	ECPLD1	Field	
2-Pole Padlocking Device	ECPLD2	Field	
3-Pole Padlocking Device	ECQLD3 (Pkg of 10)	Field	
Handle Block	ECHBD1	Field	

### Factory Modifications

Description	Catalog Number	List Price \$
Line Side Lugs	add suffix...L	Consult Siemens
Quick Connect Lug	add suffix...QX	(adder per pole)
400Hz Calibration	add suffix...Y <sup>③</sup>	(adder)
415V 50Hz Calibration	add suffix...E <sup>④⑤</sup>	No adder
Marine 50° C Ambient Calibration	add suffix...M	No adder
Fungus Proofing	add suffix...F	(adder per pole)

① UL Listed for use with 60/75° wire through 125 amps, HACR rated.  
 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). 120V AC Fluorescent Lighting.  
 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

# General Application Molded Case Circuit Breakers

## DIN Rail Mounted Circuit Breakers

### Selection/Dimensions

#### 1-Pole DIN Rail (120V AC)

Breaker Type	Ampere Rating	Catalog Number	Load Side Connector	List Price \$	"Interrupting Ratings (KA) (RMS Symmetrical Amperes)" Volts AC	
					120	120/240
"BQXD 1-Pole 120V DIN Rail"	10	BQ1B010QLD	TC1Q1		10	
	15	BQ1B015QLD	TC1Q1		10	
	20	BQ1B020QLD	TC1Q1		10	
	25	BQ1B025QLD	TC1Q1		10	
	30	BQ1B030QLD	TC1Q1		10	
	35	BQ1B035QLD	TC1Q1		10	
	40	BQ1B040QLD	TC1Q1		10	
	45	BQ1B045QLD	TA1Q1		10	
	50	BQ1B050QLD	TA1Q1		10	
	60	BQ1B060QLD	TA1Q1		10	
		10	BQ1B010QXD	Quick-Connect		10
15		BQ1B015QXD	Quick-Connect		10	
20		BQ1B020QXD	Quick-Connect		10	
25		BQ1B025QXD	Quick-Connect		10	
30		BQ1B030QXD	Quick-Connect		10	
35		BQ1B035QXD	Quick-Connect		10	
40		BQ1B040QXD	Quick-Connect		10	
45		BQ1B045QXD	Quick-Connect		10	
50		BQ1B050QXD	Quick-Connect		10	
60		BQ1B060QXD	Quick-Connect		10	

#### 2-Pole DIN Rail (120/240V AC)

"BQXD 2-Pole 120/240V DIN Rail"	10	BQ2B010QLD	TC1Q1		10
	15	BQ2B015QLD	TC1Q1		10
	20	BQ2B020QLD	TC1Q1		10
	25	BQ2B025QLD	TC1Q1		10
	30	BQ2B030QLD	TC1Q1		10
	35	BQ2B035QLD	TC1Q1		10
	40	BQ2B040QLD	TC1Q1		10
	45	BQ2B045QLD	TA1Q1		10
	50	BQ2B050QLD	TA1Q1		10
	60	BQ2B060QLD	TA1Q1		10
		10	BQ2B010QXD	Quick-Connect	
15		BQ2B015QXD	Quick-Connect		10
20		BQ2B020QXD	Quick-Connect		10
25		BQ2B025QXD	Quick-Connect		10
30		BQ2B030QXD	Quick-Connect		10
35		BQ2B035QXD	Quick-Connect		10
40		BQ2B040QXD	Quick-Connect		10
45		BQ2B045QXD	Quick-Connect		10
50		BQ2B050QXD	Quick-Connect		10
60		BQ2B060QXD	Quick-Connect		10

#### Lugs-For Use with BQ, BQH, HBQ®

Circuit Breaker Amp. Rtg.	Cab. Per Lug	Lug Wire Range AWG	Catalog Number	List Price \$ (Qty. 6)
<b>Line Side</b>				
10-40	1	#16-#6 Cu #12-#6 Al	TC1Q1 <sup>①②</sup>	
45-100	1	#8-#1 Cu #6-#1/0 Al	TA1Q1	
<b>Load Side</b>				
10	2	#16 Cu	Connectors are Supplied with Circuit Breaker	
15-20	1	#14-#10 Cu #12-#10 Al		
25-35	1	#14-#6 Cu #12-#10 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 Al		

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 Discount Schedule B.

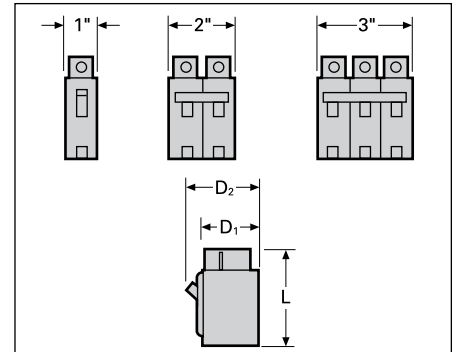
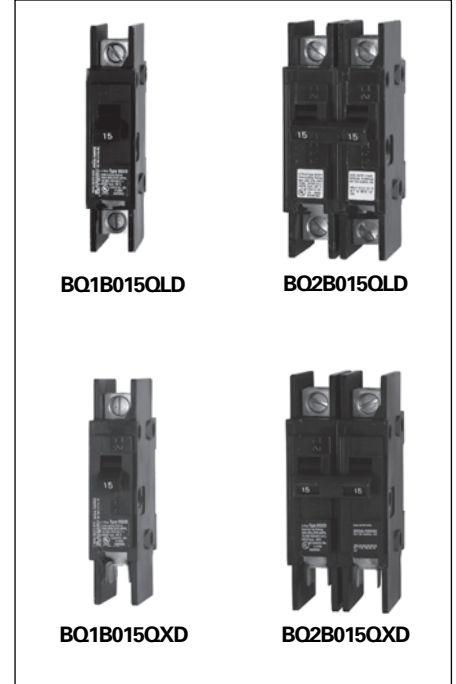
⑤ Does not include circuit breaker. Order circuit breaker separately.

⑥ Neutral included in enclosure.

⑦ Enclosure will not accept circuit breakers with shunt trips or auxiliary switches installed.

⑧ Type BQXD uses TA1Q1 or TC1Q1 lugs on line side of circuit breaker.

Accessories pages 17/103 to 17/108



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 \$ each
BQFS2	2	
BQFS1K	1000	

Enclosures		
Type	Catalog Number <sup>⑧</sup>	List Price \$ <sup>④⑤</sup>
1	EB3100S <sup>③⑦</sup>	
3R	WB3100	