

Loadcentres

Type BQ Bolt-on[®] and Blue line Circuit Breakers

Selection

Selection and Ordering Data



LOADCENTRES

BQ1B015

BQ2B015

BQ3B015

Full Module BQ Breakers (1" per pole) 10,000 A.I.C. & 22,000 A.I.C.

Ampere Rating	10,000 A.I.C. Catalogue Number	22,000 A.I.C. Catalogue Number	Std. Pkg.
Single Pole			
15	BQ1B015	BQ1B015H	12
20	BQ1B020	BQ1B020H	
25	BQ1B025	BQ1B025H	
30	BQ1B030	BQ1B030H	
40	BQ1B040	BQ1B040H	
50	BQ1B050	BQ1B050H	
60	BQ1B060	BQ1B060H	
70	BQ1B070	BQ1B070H	
Two Pole Common Trip			
15	BQ2B015	BQ2B015H	6
20	BQ2B020	BQ2B020H	
25	BQ2B025	BQ2B025H	
30	BQ2B030	BQ2B030H	
40	BQ2B040	BQ2B040H	
50	BQ2B050	BQ2B050H	
60	BQ2B060	BQ2B060H	
70	BQ2B070	BQ2B070H	
80	BQ2B080	BQ2B080H	
90	BQ2B090	BQ2B090H	
100	BQ2B100	BQ2B100H	
125	BQ2B125	—	
Three Pole Common Trip			
15	BQ3B015	BQ3B015H	4
20	BQ3B020	BQ3B020H	
30	BQ3B030	BQ3B030H	
40	BQ3B040	BQ3B040H	
50	BQ3B050	BQ3B050H	
60	BQ3B060	BQ3B060H	
70	BQ3B070	BQ3B070H	
90	BQ3B090	BQ3B090H	
100	BQ3B100	BQ3B100H	

BQ1B015



BQ2B015



BQ3B015

BQ Screws are sold separately^①



BL1-015

Type Blue line circuit breakers		
Ampere Rating	Catalogue Number	Standard Package
15	BL1-015	20
20	BL1-020	
30	BL1-030	
40	BL1-040	
50	BL1-050	
15	BL2-015	10
20	BL2-020	
30	BL2-030	
40	BL2-040	
Description	Catalogue Number	Standard Package
Tie Handle	BLTH1	20
6 - 1 Pole Fillers	BLF6	
Note: These breakers are used as replacement in old ITE Loadcentres		

BL1-015

① Order line side screw kits separately: 8217-6 (6 pcs.)
8217-12 (12 pcs.) 8217-100 (100 pcs.) 8217-200 (200 pcs.)

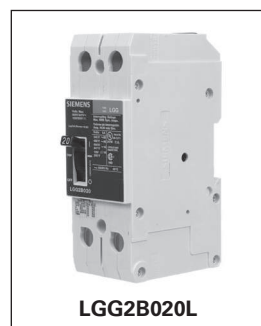
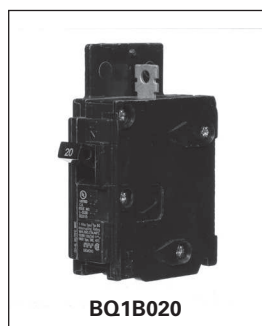
Molded Case Circuit Breakers

Reference Guide

Selection/Application

Thermal-Magnetic Trip Breakers

				General Purpose Breakers									
				BQ	BQH	HBQ	QR2	QRH2	HQR2	HQR2H	CQD	NGG	
Page				5-35	5-35	5-35	5-37	5-37	5-37	5-37	5-38	5-39	
Ratings	AC	Poles		1, 2, 3	1, 2, 3	1, 2, 3	2, 3	2, 3	2, 3	2, 3	1, 2, 3	1, 2, 3	
		Amperes, Continuous	1-Pole	15–70	15–70	15–50	—	—	—	—	15–100	15–125	
			2-Pole	15–125	15–100	15–70	100–250	100–250	100–250	100–250	15–100	15–125	
			3-Pole	15–100	15–100	15–100					15–100	15–125	
		Volts (50/60 Hertz)	1-Pole	120/240	120/240	120/240	—	—	—	—	277	347	
			2-Pole	120/240	120/240	120/240	240	240	240	240	480/277	600/347	
			3-Pole	240	240	240							
		CSA/UL Interrupting Rating — Symmetrical RMS Amperes	120V	10,000	22,000	65,000	—	—	—	—	65,000	65,000	
			240V	10,000	22,000	65,000	10,000	25,000	65,000	100,000	65,000	65,000	
			480V	—	—	—	—	—	—	—	14,000 ^①	25,000	
			600/347V	—	—	—	—	—	—	—	10,000	14,000	
		DC	Volts — 2-Pole		—	—	—	—	—	—	—	125/250	125/250
			Interrupting Rating — DC Amperes		—	—	—	—	—	—	—	14,000	14,000
Dimensions in Inches	Height	15–50A	3.75	3.75	4.00	—	—	—	—	4.50	5.40		
		55–125A	4.00	4.00	4.00	—	—	—	—	4.50	5.40		
		60–225A	—	—	—	7.00	7.00	7.00	7.00	—	—		
	Width	1-Pole	1.00	1.00	1.00	—	—	—	—	1.00	1.00		
		2-Pole	2.00	2.00	2.00	3.00	3.00	3.00	3.00	2.00	2.00		
		3-Pole	3.00	3.00	3.00	4.50	4.50	4.50	4.50	3.00	3.00		
	Depth		2.37	2.37	2.37	2.53	2.53	2.53	2.53	2.87	2.90		
Overcurrent Devices	Thermal and Fixed Magnetic Trip		✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Molded Case Switch		✓	—	—	✓	—	—	✓ ^③	—	—		
Accessories & Modifications	Undervoltage Trip		—	—	—	—	—	—	—	—	—		
	Shunt Trip		✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Auxiliary Switch		✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Alarm Switch		—	—	—	—	—	—	—	✓	✓		
	Mechanical Interlock		—	—	—	✓	✓	✓	✓	—	—		
	Fungus Proofing (ref. page 5-89)		✓	✓	✓	✓	✓	✓	✓	✓	✓		
Individual Enclosures	Type 1 — Indoor Surface		✓	✓	✓	—	—	—	—	—	—		
	Type 1 — Indoor, Flush		✓	✓	✓	—	—	—	—	—	—		
	Type 3R — Outdoor-Rainproof		✓	✓	✓	—	—	—	—	—	—		



For inches / millimeters conversion, see Technical section.

① CQD breakers are rated 14,000 KAIC at 480/277V.

③ 3-pole only.

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.

Continuous Current Rating @ 40° C	Type BQ ^①	Type BQH	Type HBQ
	10,000A IR	22,000A IR	65,000A IR
	Catalogue Number	Catalogue Number	Catalogue Number

1-Pole (120V AC)^②

15	BQ1B015 ^{④⑤}	BQ1B015H ^④	HB1B015 ^④
20	BQ1B020 ^{④⑤}	BQ1B020H ^④	HB1B020 ^④
25	BQ1B025	BQ1B025H	HB1B025
30	BQ1B030	BQ1B030H	HB1B030
35	BQ1B035	BQ1B035H	HB1B035
40	BQ1B040	BQ1B040H	HB1B040
45	BQ1B045	—	HB1B045
50	BQ1B050	BQ1B050H	HB1B050
60	BQ1B060 ^⑥	BQ1B060H	HB1B060
70	BQ1B070	BQ1B070H	HB1B070

2-Pole (Common-Trip 120/240V AC)^②

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	—	HB2B045
50	BQ2B050	BQ2B050H	HB2B050
60	BQ2B060 ^⑥	BQ2B060H	HB2B060
70	BQ2B070	BQ2B070H	HB2B070
80	BQ2B080	BQ2B080H	HB2B080
90	BQ2B090	BQ2B090H	HB2B090
100	BQ2B100	BQ2B100H	HB2B100
110	BQ2B110	—	HB2B110
125	BQ2B125	BQ2B125H	HB2B125

2-Pole (Common-Trip 240V AC)^{③⑥}

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

3-Pole (Common-Trip 240V AC)^②

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

BQ / BQH / HBQ Internal Accessories

Description	Catalogue Number	Field/Factory Installed
120VAC Shunt Trip	add suffix...00S01	Factory
24VAC Shunt Trip	add suffix...00S07	Factory
120V Auxiliary Switch	add suffix...01 ^⑦	Factory

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

① UL Listed for use with 60/75° wire through 40 amps, CSA Certified / UL Listed for use with 75° wire only for 50 amps

and above, 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.

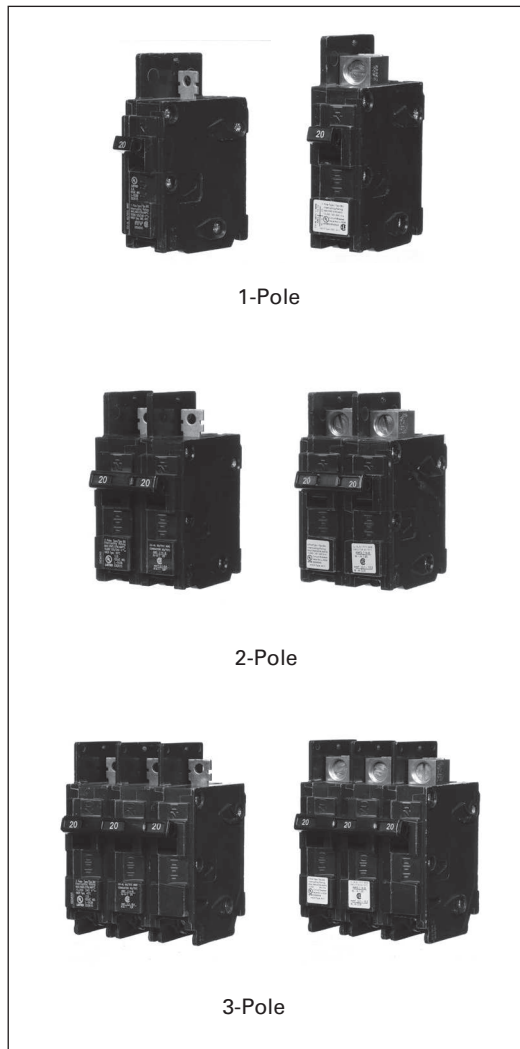
⑥ Shipped 6 per sleeve.

⑦ Shipped 4 per sleeve.

⑧ UL Listed 5KA IR.

⑨ Refer to Table A on page 5-86

⑩ CSA Certified for frequent switching applications (SWD)



Factory Modifications

Description	Catalogue Number
Line Side Lugs	add suffix...L
Quick Connect Lug	add suffix...QX
400Hz Calibration	add suffix...Y ^⑧
Marine 50° C Ambient Calibration	add suffix...M
Fungus Proofing	add suffix...F

For external accessories, please refer to page 5-83 - 5-89