

Molded Case Circuit Breakers

SELECTION

Panelboard Mounting Circuit Breakers

Type BL—Low Tab Bolt-on (10,000A IR) HACR Type

Non-Interchangeable Trip

Continuous Current Rating @ 40° C	1-Pole		2-Pole		2-Pole ^①		3-Pole	
	120/240V AC		120/240V AC Common Trip		240V AC Common Trip		240V AC Common Trip	
	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
15	B115 ^{①②}	26.20	B215 ^②	60.00	B215R	158.00	B315 ^②	199.00
20	B120 ^{①②}	26.20	B220 ^②	60.00	B220R	158.00	B320 ^②	199.00
25	B125 ^②	26.20	B225 ^②	60.00	B225R	158.00	B325 ^②	199.00
30	B130 ^②	26.20	B230 ^②	60.00	B230R	158.00	B330 ^②	199.00
35	B135 ^②	26.20	B235 ^②	60.00	B235R	158.00	B335 ^②	199.00
40	B140 ^②	26.20	B240 ^②	60.00	B240R	158.00	B340 ^②	199.00
45	B145 ^②	26.00	B245 ^②	60.00	B245R	158.00	B345 ^②	199.00
50	B150 ^②	26.20	B250 ^②	60.00	B250R	158.00	B350 ^②	199.00
55	B155 ^②	26.20	—	—	—	—	—	—
60	B160 ^②	26.20	B260 ^②	60.00	B260R	158.00	B360 ^②	199.00
70	B170 ^②	57.00	B270 ^②	117.00	B270R	210.00	B370 ^②	244.00
80	—	—	B280 ^②	158.00	B280R	239.00	B380 ^②	275.00
90	—	—	B290 ^②	158.00	B290R	239.00	B390 ^②	275.00
100	—	—	B2100 ^②	158.00	B2100R	239.00	B3100 ^②	275.00
110	—	—	B2110	319.00	—	—	—	—
125	—	—	B2125	338.00	—	—	—	—

Type BLH—Low Tab Bolt-on (22,000A IR) HACR Type

15	B115H ^①	51.40	B215H	117.00	—	—	B315H	299.00
20	B120H ^①	51.40	B220H	117.00	—	—	B320H	299.00
25	B125H	58.00	B225H	117.00	—	—	B325H	299.00
30	B130H	58.00	B230H	117.00	—	—	B330H	299.00
40	B140H	58.00	B240H	117.00	—	—	B340H	299.00
50	B150H	58.00	B250H	117.00	—	—	B350H	299.00
55	B155H	58.00	—	—	—	—	—	—
60	B160H	58.00	B260H	117.00	—	—	B360H	299.00
70	B170H	72.00	B270H	179.00	—	—	B370H	363.00
80	—	—	B280H	255.00	—	—	B380H	426.00
90	—	—	B290H	255.00	—	—	B390H	426.00
100	—	—	B2100H	255.00	—	—	B3100H	426.00

Type HBL—Low Tab Bolt-on (65,000A IR) HACR Type

15	B115HH ^①	89.00	B215HH	216.00	—	—	B315HH	376.00
20	B120HH ^①	89.00	B220HH	216.00	—	—	B320HH	376.00
30	B130HH	89.00	B230HH	216.00	—	—	B330HH	376.00
40	B140HH	103.00	B240HH	265.00	—	—	B340HH	457.00
50	B150HH	103.00	B250HH	265.00	—	—	B350HH	457.00
60	—	—	B260HH	265.00	—	—	B360HH	457.00
70	—	—	B270HH	432.00	—	—	B370HH	489.00
80	—	—	B280HH	489.00	—	—	B380HH	575.00
90	—	—	B290HH	489.00	—	—	B390HH	575.00
100	—	—	B2100HH	489.00	—	—	B3100HH	575.00

Types BL/BLH/HBL

Internal Accessories (Factory installed only; require one additional pole width)

Control Voltage		Shunt Trip		Auxiliary Switches	
AC	DC	Suffix	List Adder \$	1A and 1B	
120V	—	...00S01	117.	...01	74.
24V	—	...00S07	117.	...01	74.

① UL Listed for frequent switching applications (SWD).
120V AC fluorescent lighting.

② UL Listed for 3 phase 240V grounded B at 10,000 AIR.

③ For 400 cycle UL Listed devices, add "Y" suffix to catalog number. Add 25% to list price. 5000A interrupting rating — Built To Order.

Modifications - page 111
Accessories - page 112

Built to order. Allow 2 weeks for production.

Molded Case Circuit Breakers

SELECTION / APPLICATION

Reference Guide

Thermal-Magnetic Trip Breakers

				Load Center Breakers						Panelboard Breakers			
Page				QT ^①	QP, QPP ^②	QPH, QPPH ^②	HQP, HQPP ^②	HQPPH ^②	QPJ ^②	BL	BLH	HBL	BQD, BQD6 ^③
				53	50, 54	50, 54	50, 54	54	53	56	56	56	59
Ratings	AC	Poles		1, 2	1, 2, 3	1, 2, 3	1, 2, 3 ^②	2	2,3	1, 2, 3,	1, 2, 3	1, 2, 3 ^②	1, 2, 3
		Amperes, Continuous		15–50	15–125 ^{②④}	15–125 ^{②④}	15–125 ^②	100–200	150–200	15–125 ^③	15–125 ^③	15–100 ^②	15–100
		Volts (60 Hertz)	1-Pole	120/240	120/240	120/240	120/240	120/240	120/240	120/240	120/240	120/240	277
			2-Pole	—	240	240	240	240	240	240	240	240	480/277
			3-Pole	—	240	240	240	240	240	240	240	240	480/277
		UL Interrupting Rating — Symmetrical RMS Amperes	120V	10,000	10,000	22,000	65,000	—	—	10,000	22,000	65,000	65,000
			240V	10,000	10,000	22,000	65,000	100,000	10,000	10,000	22,000	65,000	65,000
			277V	—	—	—	—	—	—	—	—	—	10,000 ^⑤
			347V	—	—	—	—	—	—	—	—	—	14,000
			480/277V	—	—	—	—	—	—	—	—	—	10,000 ^⑤
			600/347V	—	—	—	—	—	—	—	—	—	14,000
	DC	Volts — 2-Pole		—	—	—	—	—	—	—	—	—	250
		Interrupting Rating — DC Amperes		—	—	—	—	—	—	—	—	—	14,000 ^⑥
Dimensions in inches	Height	15–50A		—	2.87	2.87	—	—	7.00	3.56	3.56	—	4.50
		15–30A		—	—	—	—	—	—	—	3.75	—	—
		15–60A		3.12	—	—	—	—	—	—	—	—	—
		55–125A		—	3.12	3.12	3.12	3.12	3.00 ^⑦	3.75	—	3.75	4.50
	Width	1-Pole		1.00	1.00	1.00	1.00	—	—	1.00	1.00	1.00	1.00
		2-Pole		2.00 ^⑧	2.00 ^⑧	2.00 ^⑧	2.00	4.00 ^⑧	⑨	2.00	2.00	2.00	2.00
		3-Pole		2.00 ^⑧	3.00	3.00	3.00	—	3.00 ^⑧	3.00	3.00	3.00	3.00
	Depth			2.06	2.37	2.37	2.37	2.37	2.34	2.37	2.37	2.69	2.23
Overcurrent Devices	Thermal and Fixed Magnetic Trip			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Molded Case Switch			—	✓ ^⑩	—	—	—	—	—	—	—	—
Accessories & Modifications	Undervoltage Trip			—	—	—	—	—	—	—	—	—	✓
	Shunt Trip			—	✓ ^⑩	✓ ^⑩	✓ ^⑩	✓ ^⑩	—	✓	✓	✓	✓
	Auxiliary Switch			—	—	—	—	✓ ^⑩	—	✓	✓	✓	✓
	Alarm Switch			—	—	—	—	—	—	—	—	—	✓
Individual Enclosures	Type 1 — Indoor Surface			✓	✓	✓	✓	✓	—	—	—	—	—
	Type 1 — Indoor, Flush			—	✓	✓	✓	✓	—	—	—	—	—
	Type 3R — Outdoor-Rainproof			—	✓	✓	✓	✓	—	—	—	—	—



QP, QPH, HQP



BL, BLH, HBL



BQD, BQD6

For inches / millimeters conversion, see page 583.

① BQD6 CSA certified 10,000A @ 600Y/347V 15–70A only.
② Types QPP, QPPH, HQPP and HQPPH are special 2-pole configurations for load center mains. Amperage range = 125–225A, width = 4 in.

③ Single pole breakers available in ratings 15–70A only.
④ 125A, 2-pole 120/240V AC only.
⑤ 14,000A IR at 277/480V AC only.
⑥ Not applicable to types QPP and QPPH.
⑦ Single pole circuit breakers available in ratings 15–70A only, 125A available as a 2-pole only.
⑧ Not applicable to type HQPP and HQPPH.

⑨ Fits only Siemens EQIII load centers. Breaker is 2 or 3 poles wide.

Molded Case Circuit Breakers

Panelboard Mounting Circuit Breakers

Ordering Instructions

- All BL circuit breakers are supplied with load side connectors.
- All standard circuit breakers are calibrated for 40° C maximum ambient application.

Shipping Weights - BL, BLH, HBL

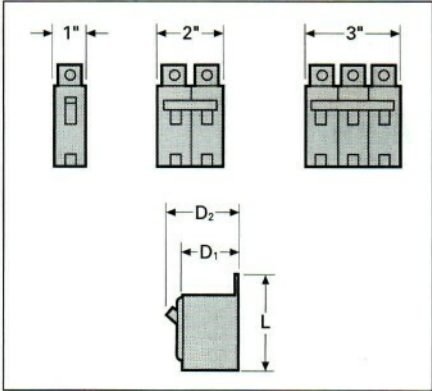
Number of Poles	Number Per Carton / Master	Shipping Weight (lbs.) Master
1	12/48	15.3
2 (15-50A)	6/24	15.3
2 (60-70A)	6/24	19.4
2 (80-125A)	6/24	24.9
3 (15-100A)	4/16	20.1

Lugs (Load Side)

Type	Circuit Breaker Ampere Rating	Cables Per Lug	Wire Range Cu/Al	Catalog Number
BL, BLH, HBL	15-40	1	#14-8	Fixed in Breaker
	45-100	1	#6-1/0	



3
CIRCUIT
BREAKERS



Breaker Type	Amperes	Dimensions (inches)		
		L	D1	D2
BL, BLH	15-50	3 ³ / ₁₆	2 ³ / ₁₆	3
BL, BLH	55-125	3 ³ / ₁₆	2 ³ / ₁₆	3
HBL	15-125	3 ³ / ₁₆	2 ³ / ₁₆	3

For inches / millimeters conversion, see Application Data section.