

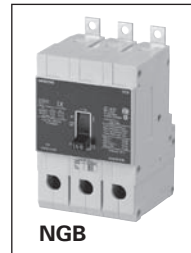
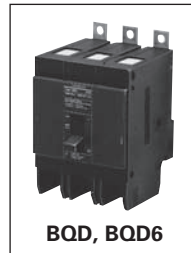
Molded Case Circuit Breakers

Reference Guide

Selection/Application

Thermal-Magnetic Trip Breakers

		Plug-In Breakers						Panelboard Breakers								
		QT	QP, QPP ²	QPH, QPPH ³	HQP, HQPP ²	HQPPH ³	QPJ ³	BL	BLH	HBL	BOD, BOD6	NGB	NEB	HEB		
Ratings	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	1,2,3	1,2,3	1,2,3	1,2,3		
	Amperes	15-50	10-125 ^{3,4}	10-125 ^{3,4}	10-125 ^{3,2}	100-225	150-200	10-125	15-125	15-100	15-100	15-125	15-125	15-126		
	Volts (50/60 Hz)	1 Pole	120/240	120/240	120/240	120/240	120/240	120/240	120/240	120/240	120/240	277	347	347		
		2 Pole	—	240	240	240	240	240	240	240	240	480/277	600/347	600/347		
		3 Pole	—	240	240	240	240	240	240	240	240	480/277	600/347	600/347		
	Interrupt Ratings	UL	120V	10,000	10,000	22,000	65,000	—	—	10000	22000	65000	65000	—	—	
			240V	10,000	10,000	22,000	65,000	100,000	10,000	10000	22000	65000	65000	100000	85000	100000
			277V	—	—	—	—	—	—	—	—	—	14000	—	—	
			347V	—	—	—	—	—	—	—	—	—	10000	—	—	
			480/277V	—	—	—	—	—	—	—	—	—	14000	25000	—	
			480V	—	—	—	—	—	—	—	—	—	—	—	35000	65000
		IEC 947-2 50/60 Hz	220/240V	I _{cu}	—	—	—	—	—	—	—	—	—	65000	85000	100000
				I _{cs}	—	—	—	—	—	—	—	—	—	32000	42000	50000
			380/415V	I _{cu}	—	—	—	—	—	—	—	—	—	25000	40000	70000
				I _{cs}	—	—	—	—	—	—	—	—	—	12000	20000	35000
500V			I _{cu}	—	—	—	—	—	—	—	—	—	—	—	—	
			I _{cs}	—	—	—	—	—	—	—	—	—	—	—	—	
DC 125/250 V DC Interrupting Rating	2-Pole	—	—	—	—	—	—	—	—	—	14000	14000	35000	42000		
	3-Pole	—	—	—	—	—	—	—	—	—	—	—	35000	42000		
Dimensions in Inches	Height	10-50A	—	2.87	2.87	—	—	—	3.56	3.56	3.75	4.50	5.00	5.50		
		10-60A	3.12	—	—	—	—	—	—	—	—	—	—	—		
		55-125A	—	3.12	3.12	3.12	3.12	3 ³	3.75	3.75	3.75	4.50	5.00	5.50		
	Width	1-Pole	1.00	1.00	1.00	1.00	—	—	1.00	1.00	1.00	1.00	1.00	1.00		
		2-Pole	2.00 ¹	2.00 ²	2.00 ²	2.00	4.00 ²	3 ³	2.00	2.00	2.00	2.00	2.00	2.00		
		3-Pole	2.00 ¹	3.00	3.00	3.00	—	3.00 ³	3.00	3.00	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	2.37	2.69	2.71	3.00				
Overcurrent Devices	Thermal and Fixed magnetic Trip	√	√	√	√	√	√	√	√	√	√	√	√			
	Thermal and Adjustable Magnetic trip	—	—	—	—	—	—	—	—	—	—	—	—			
	Adjustable Magnetic trip only	—	—	—	—	—	—	—	—	—	—	—	—			
	Motor Circuit Protector	—	—	—	—	—	—	—	—	—	—	—	—			
	Molded Case Switch	—	√ ⁴	—	—	—	—	—	—	—	—	—	√			
Accessories & Modifications	Undervoltage Trip	—	√ ⁴	√ ⁴	√ ⁴	√ ⁴	—	—	—	—	√	—	√			
	Shunt Trip	—	√ ⁴	√ ⁴	√ ⁴	√ ⁴	—	√	√	√	√	√	√			
	Auxiliary Switch	—	—	—	—	√ ⁴	—	√	√	√	√	√	√			
	Alarm Switch	—	—	—	—	—	—	—	—	—	√	√	√			
	Mechanical Interlock	—	—	—	—	—	—	—	—	—	—	√	√			
	Fungus Proofing (ref. page 7-91)	—	—	—	—	—	—	√	√	√	√	√	√			
Individual Enclosures	Type 1 - Indoor Surface	√	√	√	√	√	—	—	—	—	—	—	—			
	Type 1 - Indoor, Flush	—	√	√	√	√	—	—	—	—	—	—	—			
	Type 3R - Outdoor-Rainproof	—	√	√	√	√	—	—	—	—	—	—	—			



For inches / millimeters conversion, see Application Data section.
For Plug-in Breakers, see Load Centers & Circuit Breakers section.

① BOD6 CSA certified 10,000A @ 600V/347V 15-70A only.
② Types QPP, QPPH, HQPP and HQPPH are special 2-pole configurations for metering equipment. Amperage range = 125-225A, width = 4 in.

③ Single pole breakers available in ratings 10-70A only.
④ 125A, 2-pole 120/240V AC only.
⑤ Not applicable to types QPP and QPPH.
⑥ Single pole circuit breakers available in ratings 15-70A only,

125A available as a 2-pole only.
⑦ Not applicable to type HQPP and HQPPH.
⑧ Fits only Siemens EQIII load centers. Breaker is 2 or 3 poles wide.