

# Molded Case Circuit Breakers

SELECTION

## EQ 125A Frame

QP Plug-in (10,000A IR)

Non-Interchangeable Trip

Continuous Current Rating @ 40° C	1-Pole		2-Pole		2-Pole <sup>③</sup>		3-Pole <sup>②</sup>	
	120V 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	Q115 <sup>①②④</sup>	19.30	Q215 <sup>②</sup>	42.50	—	—	Q315	150.00
20	Q120 <sup>①②④</sup>	19.30	Q220 <sup>②</sup>	42.50	Q220R	125.00	Q320	150.00
25	Q125 <sup>②</sup>	19.30	Q225 <sup>②</sup>	42.50	—	—	Q325	150.00
30	Q130 <sup>②</sup>	19.30	Q230 <sup>②</sup>	42.50	Q230R	125.00	Q330	150.00
35	—	—	Q235 <sup>②</sup>	42.50	—	—	Q335	150.00
40	Q140 <sup>②</sup>	19.30	Q240 <sup>②</sup>	42.50	Q240R	125.00	Q340	150.00
45	—	—	Q245 <sup>②</sup>	42.50	—	—	Q345	150.00
50	Q150 <sup>②</sup>	19.30	Q250 <sup>②</sup>	42.50	Q250R	125.00	Q350	150.00
60	Q160 <sup>②</sup>	19.30	Q260 <sup>②</sup>	42.50	Q260R	125.00	Q360	150.00
70	Q170 <sup>②</sup>	—	Q270 <sup>②</sup>	88.00	Q270R	138.00	Q370	191.00
80	—	—	Q280 <sup>②</sup>	125.00	—	—	Q380	227.00
90	—	—	Q290 <sup>②</sup>	125.00	—	—	Q390	227.00
100	—	—	Q2100 <sup>②</sup>	125.00	—	—	Q3100	227.00
110	—	—	Q2110	259.00	—	—	—	—
125	—	—	Q2125	259.00	—	—	—	—
60 Molded Case Switch	—	—	Q260S <sup>⑤</sup>	28.50	—	—	—	—

## QPH Plug-in (22,000A IR)

15	Q115H <sup>①②</sup>	38.50	Q215H <sup>②</sup>	87.00	—	—	Q315H	232.00
20	Q120H <sup>①②</sup>	38.50	Q220H <sup>②</sup>	87.00	—	—	Q320H	232.00
30	Q130H <sup>②</sup>	42.50	Q230H <sup>②</sup>	87.00	—	—	Q330H	232.00
40	Q140H <sup>②</sup>	—	Q240H <sup>②</sup>	87.00	—	—	Q340H	232.00
50	Q150H <sup>②</sup>	—	Q250H <sup>②</sup>	87.00	—	—	Q350H	232.00
60	—	—	Q260H <sup>②</sup>	87.00	—	—	Q360H	—
70	—	—	Q270H <sup>②</sup>	138.00	—	—	Q370H	295.00
80	—	—	—	—	—	—	—	—
90	—	—	Q290H <sup>②</sup>	194.00	—	—	—	—
100	—	—	Q2100H <sup>②</sup>	194.00	—	—	Q3100H	327.00
110	—	—	Q2110H	662.00	—	—	—	—
125	—	—	Q2125H	662.00	—	—	—	—

## HQP Plug-in (65,000A IR)

15	Q115HH <sup>①②</sup>	—	Q115HH <sup>②</sup>	—	—	—	—	—
20	Q120HH <sup>①②</sup>	71.00	Q220HH <sup>②</sup>	180.00	—	—	Q320HH	305.00
30	Q130HH <sup>①②</sup>	—	Q230HH <sup>②</sup>	—	—	—	Q330HH	305.00
40	—	—	—	—	—	—	Q340HH	355.00
50	—	—	—	—	—	—	Q350HH	355.00
60	—	—	Q260HH <sup>②</sup>	193.00	—	—	Q360HH	355.00
70	—	—	Q270HH <sup>②</sup>	322.00	—	—	—	—
80	—	—	—	—	—	—	—	—
100	—	—	Q2100HH <sup>②</sup>	397.00	—	—	Q3100HH	426.00
125	—	—	Q2125HH	1315.00	—	—	—	—

## QP / QPH / HQP

Internal Accessories (Factory installed only)

Control Voltage	Shunt Trip		Auxiliary Switches	
			1A and 1B	
AC	Add Suffix	List Adder \$	Add Suffix	List Adder \$
120V	...00S01	117.	...A01	74.
24	...00S07	117.	...A01	74.

Built to order. Allow 2 weeks for production.

①UL Listed for frequent switching applications (SWD).  
120V AC Fluorescent Lighting.

②HACR rated.

③Non-automatic circuit interrupter.

④For high wattage, tungsten-lamp loads having in-rush currents above the instantaneous trip setting of the standard breaker, add "T" suffix to catalog number.

⑤UL Listed for use on 3 phase grounded "B" systems — 10,000 for this application.

CIRCUIT BREAKERS

# Molded Case Circuit Breakers

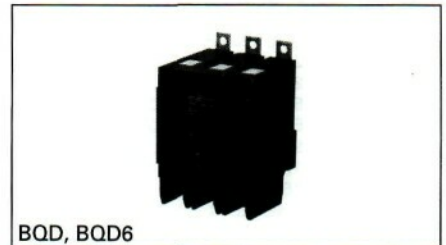
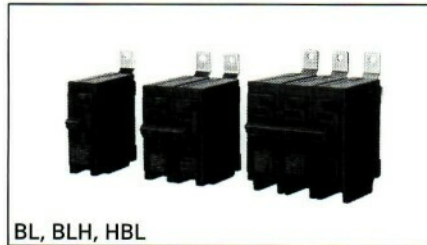
SELECTION / APPLICATION

## Reference Guide

### Thermal-Magnetic Trip Breakers

Page			Load Center Breakers						Panelboard Breakers			
			QT <sup>①</sup>	QP, QPP <sup>②</sup>	QPH, QPPH <sup>②</sup>	HQP, HQPP <sup>②</sup>	HQPPH <sup>②</sup>	QPJ <sup>②</sup>	BL	BLH	HBL	BQD, BQD6 <sup>③</sup>
Ratings			53	50, 54	50, 54	50, 54	54	53	56	56	56	59
AC	Poles		1, 2	1, 2, 3	1, 2, 3	1, 2, 3 <sup>④</sup>	2	2,3	1, 2, 3,	1, 2, 3	1, 2, 3 <sup>④</sup>	1, 2, 3
	Amperes, Continuous		15-50	15-125 <sup>⑤⑥</sup>	15-125 <sup>⑤⑥</sup>	15-125 <sup>⑤⑥</sup>	100-200	150-200	15-125 <sup>③</sup>	15-125 <sup>③</sup>	15-100 <sup>⑦</sup>	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	—	—	—	—	—	—	—	—	—	—
	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 <sup>⑧</sup>
		347V	—	—	—	—	—	—	—	—	—	14,000
		480/277V	—	—	—	—	—	—	—	—	—	10,000 <sup>⑧</sup>
600/347V		—	—	—	—	—	—	—	—	—	14,000	
DC	Volts — 2-Pole		—	—	—	—	—	—	—	—	250	
	Interrupting Rating — DC Amperes		—	—	—	—	—	—	—	—	—	14,000 <sup>⑨</sup>
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 <sup>⑩</sup>	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 <sup>⑪</sup>	2.00 <sup>⑫</sup>	2.00 <sup>⑫</sup>	2.00	4.00 <sup>⑫</sup>	⑬	2.00	2.00	2.00	2.00
3-Pole		2.00 <sup>⑪</sup>	3.00	3.00	3.00	—	3.00 <sup>⑫</sup>	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		—	✓ <sup>⑭</sup>	—	—	—	—	—	—	—	—
Accessories & Modifications	Undervoltage Trip		—	—	—	—	—	—	—	—	—	✓
	Shunt Trip		—	✓ <sup>⑮</sup>	✓ <sup>⑮</sup>	✓ <sup>⑮</sup>	✓ <sup>⑮</sup>	—	✓	✓	✓	✓
	Auxiliary Switch		—	—	—	—	✓ <sup>⑮</sup>	—	✓	✓	✓	✓
	Alarm Switch		—	—	—	—	—	—	—	—	—	✓
Individual Enclosures	Type 1 — Indoor Surface		✓	✓	✓	✓	✓	—	—	—	—	—
	Type 1 — Indoor, Flush		—	✓	✓	✓	✓	—	—	—	—	—
	Type 3R — Outdoor-Rainproof		—	✓	✓	✓	✓	—	—	—	—	—

CIRCUIT BREAKERS



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

SELECTION

## EQ 125A Frame

### Ordering Instructions

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

### Shipping Weights

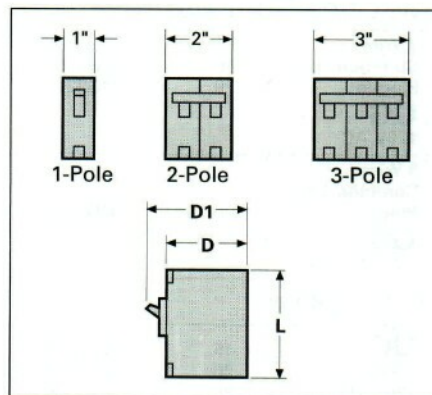
Number of Poles	Number Per Carton / Master	Shipping Weight (lbs.) Master
QP, QPH, HQP		
1	12/48	15
2	6/24	15
3	4/16	20

### Lugs (Supplied)

For Use With Type(s)	Circuit Breaker Ampere Rating	Cables Per Connector	Connector Wire Range <sup>①</sup>
QP, QPH, HQP Plug-in	<b>LOAD SIDE</b>		
	15-20	1	#14-#8 AWG Cu #12-#8 AWG Al
	25-35	1	#14-#6 AWG Cu #14-#6 AWG Al
	40-50	1	#8-#6 AWG Cu #8-#4 AWG Al
	55-70	1	#8-#4 AWG Cu #8-#2 AWG Al
	80-100	1	#4-#1/0 AWG Cu #2-#1/0 AWG Al
	110-125 <sup>②</sup>	1	#2-#1/0 AWG Cu #1/0-#2/0 AWG Al

### Enclosures

Type	Catalog Number	List Price \$ <sup>④⑤</sup>
1	E0204ML1060S <sup>③</sup>	44.
	E0202ML1125S <sup>③</sup>	69.
	E0303ML3100S	112.
3R	W0204ML1060	81.
	W0202ML1125	112.
	W0303ML3100	147.



Breaker Type	Amperes	Dimensions (inches)		
		L	D	D1
QP, QPH	15-50	2 1/2	2 1/2	3
QP, QPH	55-125	3 1/2	2 1/2	3
HQP	15-125	3 1/2	2 1/2	3

For inches / millimeters conversion, see Application Data section.

<sup>①</sup>Terminals are UL Listed for 60°/75°C conductors. Also CSA Listed.

<sup>②</sup>Type QP, QPH and HQP only.

<sup>③</sup>Surface mounted, indoor. If flush mounting is required, replace suffix "S" in catalog number with suffix "F".

<sup>④</sup>Discount Schedule B.

<sup>⑤</sup>Does not include circuit breaker. Order circuit breaker separately.

<sup>⑥</sup>Neutral included in enclosure.

Interrupting Ratings pages 52-53  
Load Centers Section 5  
Enclosures pages 30, 32  
Accessories pages 105-118

### Discount Schedule A