

# QMB SERIES

## Certifications & Ratings:

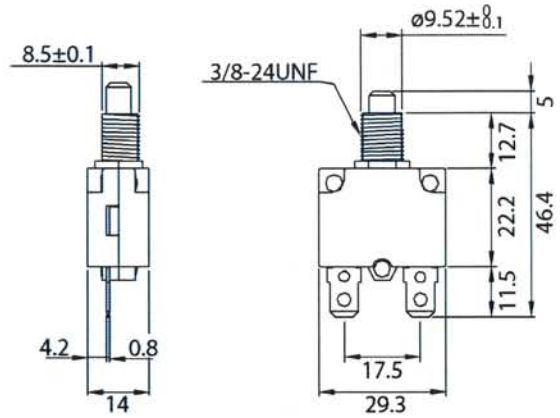
UL, cUL, CCC, VDE, CE 3A-16A @ 125/250VAC 32VDC  
 UL, cUL, CCC, TUV, CE 3A-20A @ 125/250VAC 32VDC



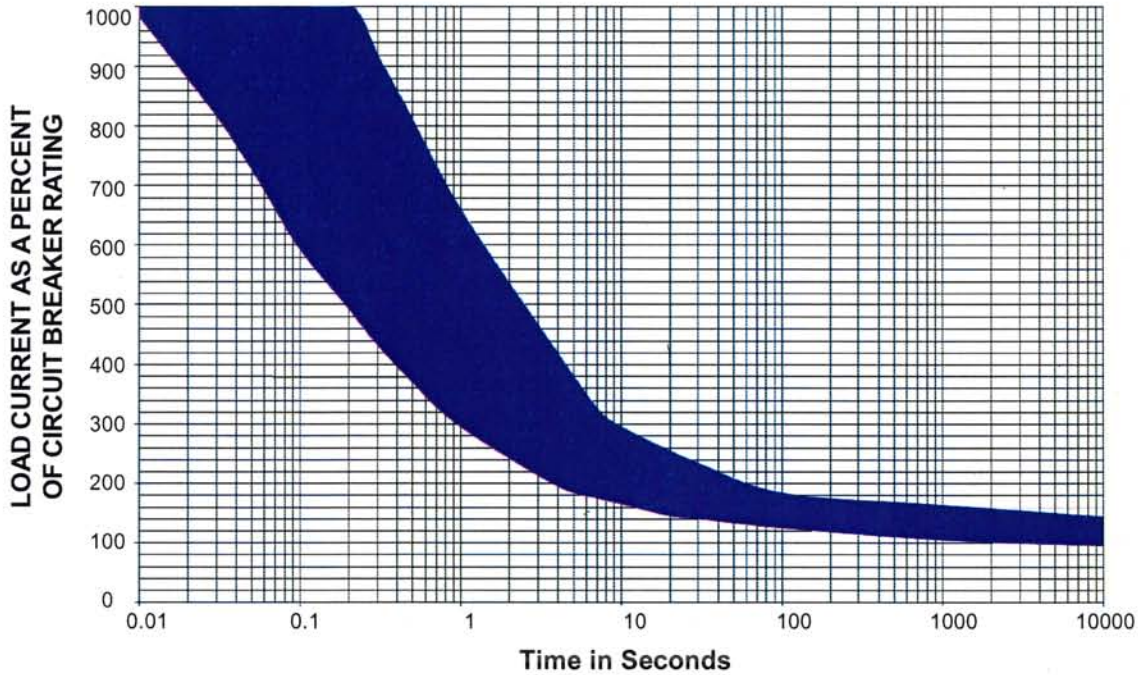
Panel Hole	M11X1.0 		M12X1.0 		SNAP-IN: Panel Cutout Thickness 0.8-2.5mm 								
	Type 11		Type 12		Type 00								
Bushing													
	Metal	Plastic	Metal	Plastic	Plastic								
Thread	M11XP1	M11XP1	M11XP1	M11XP1	M12XP1								
Type	A	CA	B	D	H								
Mounting Cap						Nameplate							
	Metal		Plastic		Silica Gel	  							
Type	1	2	3	4	5	Type A B C							
Terminal													
Type	A Straight	B Line Pin	C Load Pin	D 90° Bend	E 90° Bend Backward	F	G Line Pin	H 90° Bend	I Load Pin	J 90° Bend	K Load Pin	L Line Pin	M Load Pin
<p><b>QMB</b> - <b>10</b> <b>3</b> - <b>11</b> <b>C</b> <b>3</b> <b>N</b> - <b>2</b> <b>W</b> <b>A</b></p> <p>Series Rating Voltage Panel Hole Bushing Type Mounting Cap Nameplate Type Print Button Terminal</p> <p>QMB 03-3A 2-AC 125-250V/DC 32V 11-M11 A-Type A N-None N-None B-Black          04-4A UL, cUL, CCC &amp; VDE / CE 12-M12 B-Type B A-Embossed R-Red          05-5A (3-16 AMP) C-Type C B-Silver Printing W-White          06-6A 3-AC 125-250V/DC 32V D-Type D On Black N-Black          07-7A UL, cUL, CCC, TUV, CE E-Type E C-Black Printing On Silver 2-Red          08-8A (3-20 AMP) F-Type F 1-Type 1 3-White          09-9A G-Type G 2-Type 2          10-10A H-Type H 3-Type 3          11-11A I-Type I 4-Type 4          12-12A J-Type J 5-Type 5          13-13A K-Type K          15-15A L-Type L          16-16A M-Type M          18-18A          20-20A</p>													

### Technical Data

Rating	3-20 A, 125-250VAC, 32VDC
Dielectric Strength	1500VAC / 1 MINUTE
Interrupting Capacity	1000A @ 125VAC
Resettable Overload Capacity	10x RATED CURRENT
Insulation Resistance	100M OHMS
Certification	UL, cUL, CCC, VDE, CE (3-16A) UL, cUL, CCC, TUV, CE (3-20A)



### Supplementary Protector TRIP TIME VS AMPERES



TRIP TIME FACTOR			
-10°C	X1.70	30°C	X0.90
-5°C	X1.60	35°C	X0.85
0°C	X1.50	40°C	X0.80
5°C	X1.40	45°C	X0.75
10°C	X1.30	50°C	X0.70
15°C	X1.20	55°C	X0.65
20°C	X1.10	60°C	X0.60
25°C	X1.00		

OVERLOAD	TRIP TIME
100%	NO TRIP
150%	TRIP IN 1 HR
200%	4.0~40 sec
300%	0.9~8.0 sec
400%	0.42~5.0 sec
500%	0.25~3.0 sec
600%	0.1~1.8 sec

Typical Resistance vs Current Rating @ +25°C

Current Rating in Amps	Typical Resistance in Ohms (Max)
3.0	0.050
5.0	0.045
6.0	0.042
7.0	0.040
8.0	0.035
10.0	0.030
12.0	0.026
13.0	0.024
15.0	0.020
20.0	0.018

**Qualtek**

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