

# QLB SERIES

## Certifications & Ratings:

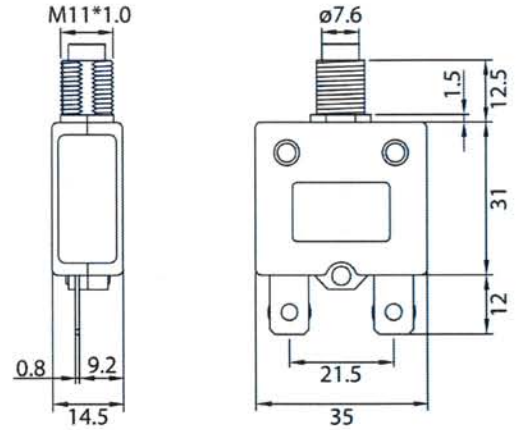
UL, cUL, CCC, TUV, CE 3A-40A @ 125/250VAC 32VDC



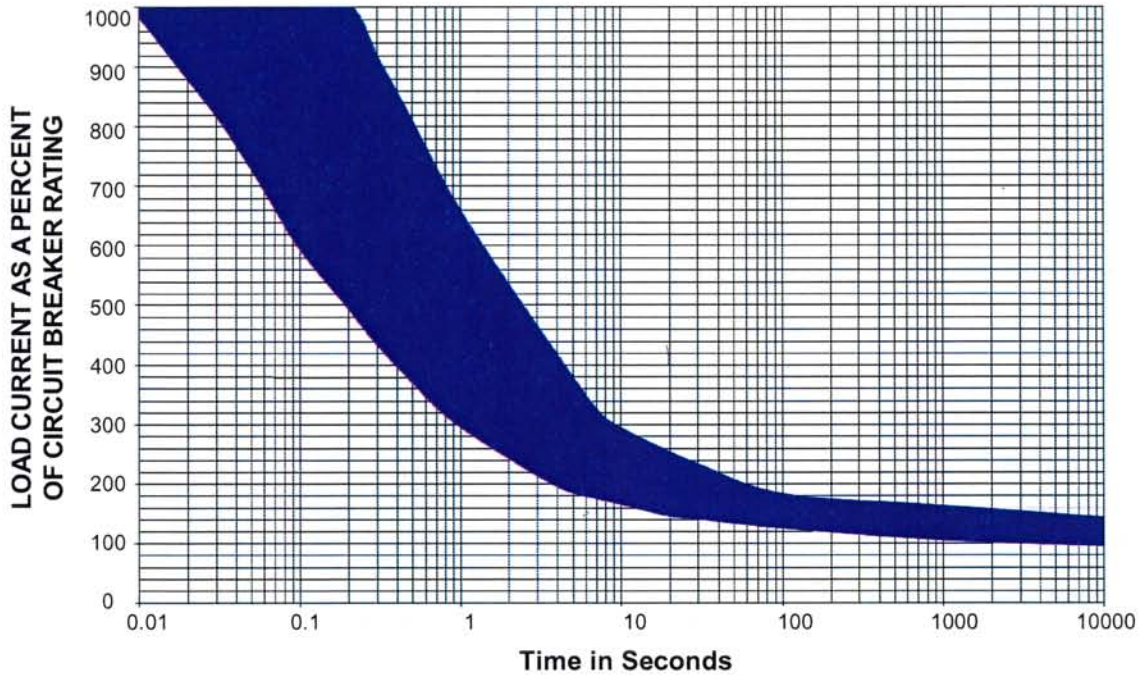
<b>Panel Hole</b>	M11X1.0 		M12X1.0 		SNAP-IN: Panel Cutout Thickness 0.8-2.5mm 									
<b>Type</b>	11		12		00									
<b>Bushing</b>														
	<b>Metal</b>		<b>Metal</b>		<b>Plastic</b>		<b>Plastic</b>							
<b>Thread</b>	M11XP1		M11XP1		M12XP1		SNAP-IN							
	M12XP1		M12XP1		M12XP1									
<b>Type</b>	A		B		C		D							
<b>Mounting Cap</b>											<b>Nameplate</b>			
	<b>Metal</b>		<b>Metal</b>		<b>Plastic</b>		<b>Plastic</b>		<b>Silica Gel</b>		Ø22.5X0.4t  Embossed (Aluminum)			
<b>Type</b>	1	2	3	4	5	<b>Type</b>		A	B	C	Ø22.5X0.4t  Silver Printing On Black			
<b>Terminal</b>														
	<b>Type</b>	A Straight	B Line Pin	C Load Pin	D 90° Bend	E 90° Bend Backward	F	G Line Pin	H #8-32 90° Bend	I #6-32 Load Pin	J #8-32 90° Bend	K #6-32 Load Pin	L Line Pin	M Load Pin
<p><b>QLB</b> - <b>10</b> <b>3</b> - <b>11</b> <b>B</b> <b>3</b> <b>N</b> - <b>2</b> <b>W</b> <b>A</b></p>														
<b>Series</b>	<b>Rating</b>	<b>Voltage</b>	<b>Panel Hole</b>	<b>Bushing Type</b>	<b>Mounting Cap</b>	<b>Nameplate Type</b>	<b>Print</b>	<b>Button</b>	<b>Terminal</b>					
QLB	03 - 3A 04 - 4A 05 - 5A 06 - 6A 07 - 7A 08 - 8A 09 - 9A 10 - 10A 11 - 11A 12 - 12A 13 - 13A 15 - 15A 16 - 16A 18 - 18A 20 - 20A 22 - 22A 25 - 25A 30 - 30A 32 - 32A 35 - 35A 40 - 40A	3 - AC 125-250V/DC 32V UL, cUL, CCC, TUV, CE (3-40 AMP)	11 - M11 12 - M12 00 - SNAP IN	A - Type A B - Type B C - Type C D - Type D	N - None 1 - Type 1 2 - Type 2 3 - Type 3 4 - Type 4 5 - Type 5	N - None A - Embossed B - Silver Printing On Black C - Black Printing On Silver	N - No Print 1 - Black 2 - Red 3 - White	B - Black R - Red W - White N - No Button	A - Type A B - Type B C - Type C D - Type D E - Type E F - Type F G - Type G H - Type H I - Type I J - Type J K - Type K L - Type L M - Type M N - Type N O - Type O P - Type P					

### Technical Data

Rating	3-40 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, TUV, CE (3-40A)



### 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
25.0	0.016
30.0	0.014
35.0	0.012
40.0	0.010

**Qualtek**

7675 Jenther Drive \* Mentor, Ohio 44060  
 Phone: 1-440-951-3300 \* Fax: 1-440-951-7252  
 E-Mail: mailbox@qualtekusa.com  
 Web: www.qualtekusa.com