



Rating:
3 to 40A, 125-250VAC, 32VDC

Approvals:
UL, CUL, TUV, CE
UL1500/ISO8846 for ignition protection/marine

Dielectric Strength:
2500 VAC/ 1 minute

Interrupting capacity:
2500 amps

Resettable overload capacity:
10x rated current

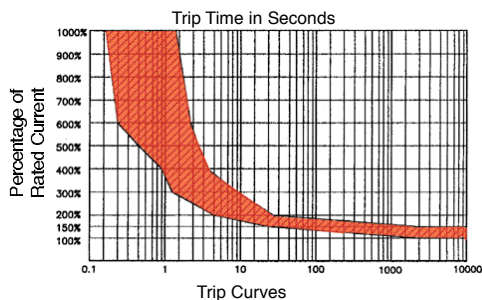
Insulation Resistance:
100M ohms

Operating Temperature:
-10°C to 60°C

Voltage drop:
< 0.25 V

Applications:
Household Appliances
Transportation
Marine
Power Strips
Medical Equipment
Audio Visual Equipment
Power Supplies

Time Delay



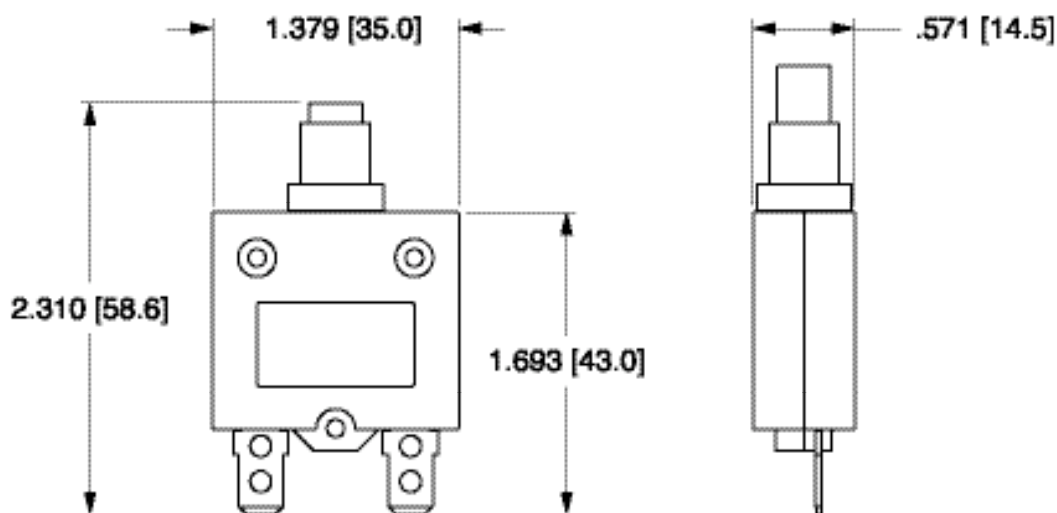
CORRECTION FACTOR*	
0°C	x .67
10°C	x .72
15°C	x .83
18°C	x .87
25°C	x 1.00
32°C	x 1.05
40°C	x 1.18
50°C	x 1.33
60°C	x 1.67

CLB SERIES ONLY	
OVERLOAD	TRIP TIME
100%	NO TRIP
150%	TRIP IN 1 HR
200%	5 - 35 SEC.
300%	1.5-9 SEC.
400%	0.9 - 5.5 SEC.
500%	0.5 - 3.5 SEC.
600%	0.3 - 2.8 SEC.

Breaker must hold 100% of rated current and must trip at 150% and above, within the time limits shown in curve. Trip times specified at 25° ambient with no preloading.

1 To adjust the breaker rating for ambient temperature multiply the breaker rating by the factor. ex.) 5 amp rating at 0°C: 5 x .67 = 3.3 amp. Select 3 amp rating.

Dimensional Specifications



NOTES:
All dimensions are in. [mm].
Tolerance $\pm .005$ [.127] unless otherwise specified.

CLB - **10** **3** - **12** **C** **3** **B** - **B** - **A** / **10**

1 Series 2 Rating 3 Voltage 4 Mounting Hole 5 Bushing Type 6 Mounting Nut 7 Indicator Plate 8 Button 9 Terminal 10 Button Marking

1 SERIES
CLB

2 RATING

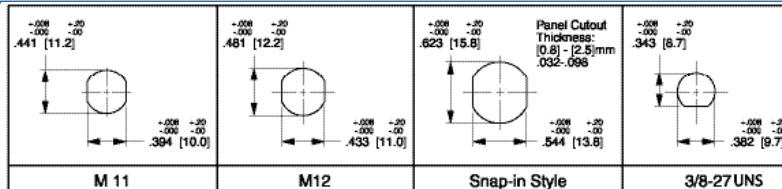
03 3 amp	05 5 amp	07 7 amp	10 10 amp	13 13 amp	18 18 amp	25 25 amp	35 35 amp
04 4 amp	06 6 amp	08 8 amp	12 12 amp	15 15 amp	20 20 amp	30 30 amp	40 40 amp

3 VOLTAGE

3 125-250VAC/ 32 VDC

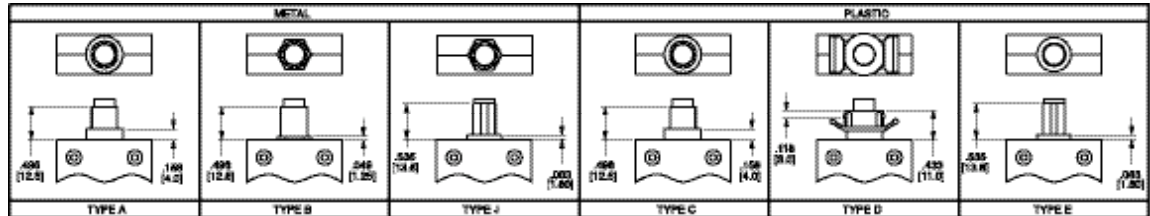
4 MOUNTING HOLE

11¹ M11
 12² M12
 00³ Snap In
 27⁴ 3/8 " 27 UNS

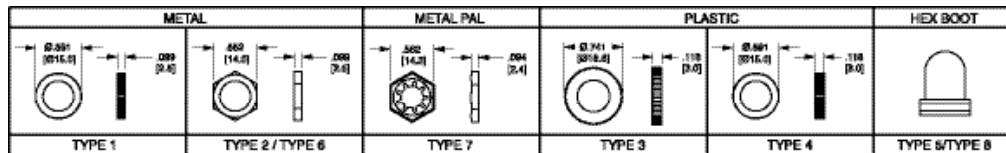

5 BUSHING

METAL
 A⁵ Type A
 B⁶ Type B
 J⁷ Type J

PLASTIC
 C⁸ Type C
 D⁹ Type D
 E¹⁰ Type E


6 MOUNTING NUT¹¹

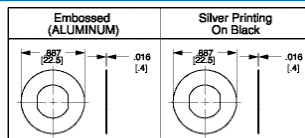
N None
 1 Type 1
 2 Type 2
 3 Type 3
 4 Type 4
 5 Type 5
 6¹² Type 6
 7¹² Type 7
 8¹² Type 8



NOTE: Type 5 is clear hex boot. Type 8 is 3/8" nut. Type 8 is black hex boot (available for bushings E & J only).
 Type 3 nut includes molded in "PRESS TO RESET" marking

7 INDICATOR PLATE⁹

N None
 A Embossed
 B Silver Printing on Black



All indicator plates are marked "circuit breaker press to reset".

NOTES:
 All dimensions are in. [mm].
 Tolerance $\pm .005$ [.127] unless otherwise specified.
 1 Used with bushing A or B only.
 2 Used with bushing C only.
 3 Used with bushing D only.
 4 Used with bushing E & J only.
 5 Used with M12 mounting hole only.
 6 Used with M11 mounting hole only.
 7 Used with mounting hole 00 only.
 8 Used with 27 mounting hole only.
 9 All hardware available separately. Consult factory.
 10 35 & 40 amp ratings must use solder joint to connect wire to non-screw type terminals.
 11 Terminals are .040 [1.0] thickness for rating 35 & 40, & .315 [8.0] thickness is for ratings < 35 amps.
 12 Available with type E or J bushing only.

8 BUTTON

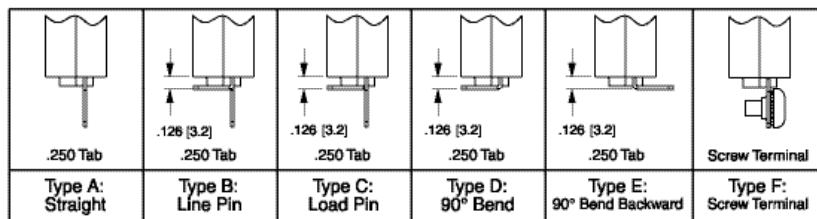
B Black

R Red

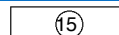
W White

9 TERMINAL^{10,11}

A Type A
 B Type B
 C Type C
 D Type D
 E Type E
 F Type F


10 BUTTON MARKING (IF BLANK, NO MARKING.)

Button Marking Orientation:



03 3 amp	05 5 amp	07 7 amp	10 10 amp	13 13 amp	18 18 amp	25 25 amp	35 35 amp
04 4 amp	06 6 amp	08 8 amp	12 12 amp	15 15 amp	20 20 amp	30 30 amp	40 40 amp