



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

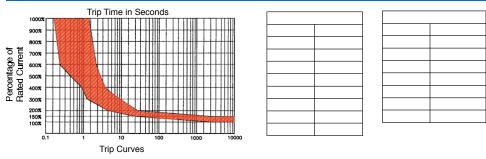
Power Strips

Medical Equipment

Audio Visual Equipment

Power Supplies

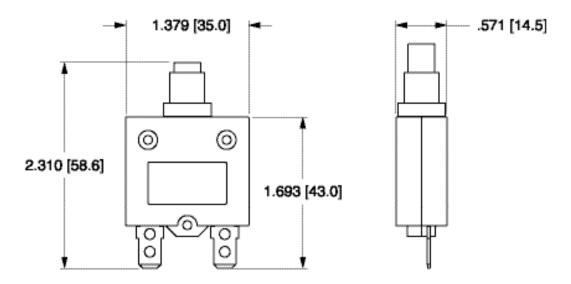
## **Time Delay**



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.

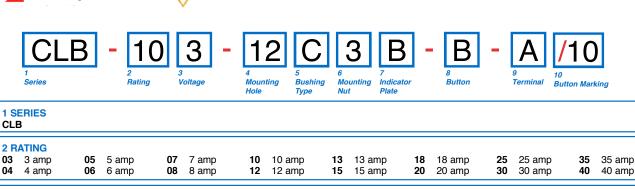
# **Dimensional Specifications**



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

www.carlingtech.com



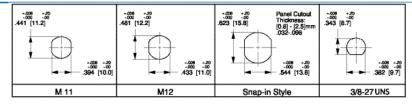


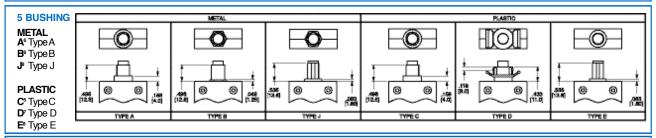
#### **3 VOLTAGE**

125-250VAC/ 32 VDC



12<sup>2</sup> M12 00° Snap In **27**<sup>4</sup> 3/8 " 27 UNS



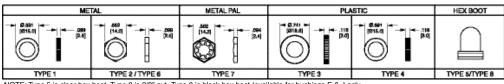




Type 6

Type 7

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 PLATE 9

Ν None

**8 BUTTON** 

Black

В

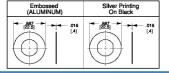
612

712

812

Embossed В

Silver Printing on Black



R

Red

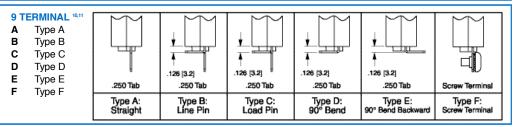
All indicator plates are marked "circuit breaker press to reset".

White

W

- NOTES:
  All dimensions are in. [mm].
  Tolerance ±.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.
  Used with M11 mounting hole 6
- only.
  7 Used with mounting hole 00
- only. 8 Used with 27 mounting hole

- 8 Úséd with 27 mounting hole only.
  9 All hardware available separately, Consult factory.
  1035 & 40 amp ratings must use solder joint to connect wire to non-screw type terminals.
  1 Terminals are .040 [1.0] thickness for rating 35 & 40, & .315 [.8] thickness is for ratings < 35 amps.
  12 Available with type E or J bushing only.



10 BUTTON MARKING (IF BLANK, NO MARKING.) **Button Marking Orientation:** (15)**07** 7 amp 03 3 amp 5 amp 10 10 amp 13 amp 18 18 amp 25 amp 35 amp 8 amp 30 amp 4 amp 6 amp 12 amp 15 15 amp 20 20 amp 40 amp