



Rating:

3 to 20A, 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

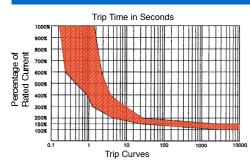
Power Strips

Medical Equipment

Audio Visual Equipment

Power Supplies

## **Time Delay**

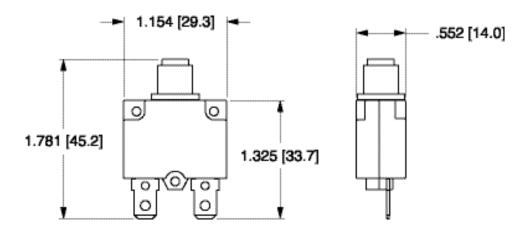


CORRECTION FACTOR							
0°C	x .67						
10 <b>°</b> C	x.72						
15 <b>°</b> C	x .83						
18 <b>°</b> C	x .87						
25 <b>°</b> C	× 1.00						
32 <b>°</b> C	X 1.05						
40 <b>°</b> C	X1.18						
50 <b>°</b> C	X1.33						
60 <b>°</b> C	X 1.67						

CMB SERIES ONLY									
OVERLOAD	TRIP TIME								
100%	NO TRIP								
150%	TRIP IN 1 HR								
200%	4 - 40 SEC.								
300%	1.2-12 SEC.								
400%	0.5 - 5.5 SEC.								
500%	0.4 - 3.5 SEC.								
600%	0.3 - 2.5 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 ±.005 [.127] unless otherwise specified.





















Rating

Voltage

. Mounting Hole

Type

Indicato Nut Plate

Button

Button Marking

#### 1 SERIES **CMB**

## **2 RATING**

**03** 3 amp 04 4 amp 05 5 amp 06 6 amp

7 amp 80 8 amp

10 amp 12 12 amp

13 13 amp 14 14 amp

15 amp 16 16 amp 20 amp

## **3 VOLTAGE**

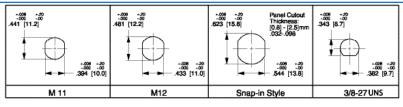
#### 125-250VAC/ 32 VDC

## **4 MOUNTING HOLE**

**11**<sup>1</sup> M11

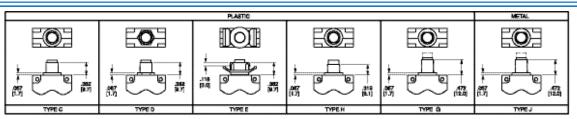
12<sup>2</sup> M12 00<sup>3</sup> Snap In Style

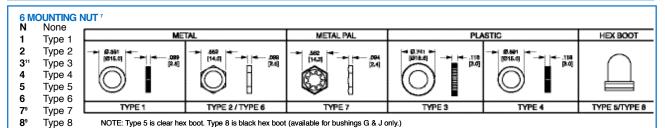
3/8" 27 UNS **27**9



## **5 BUSHING PLASTIC** Type C **D**⁴ Type D

E⁵ Type E **H**<sup>6</sup> Type H **G**<sup>8</sup> Type G **METAL J**<sup>®</sup> TypeJ

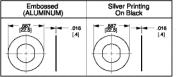






Α Embossed

В Silver Printing on Black



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

### **8 BUTTON**

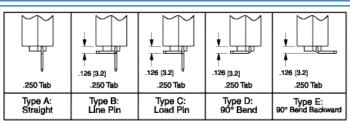
В Black R Red W White

# 9 TERMINAL

Type A В Type B

С Type C

D Type D Е Type E



## NOTES:

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

1 Used with bushing C or D only.
2 Used with H bushing only.
3 Used with bushing E only.
4 Used with M11 mounting

- hole only.
  Used with mounting hole 00
- 5 only.
  Used with M12 mounting
- 6
- hole only.
  All hardware available separately; Consult factory.
  Available with mounting hole
- 27 only. Available with G or J
- bushing only. 10 Amp rating must match button marking. ex. CMB-203-27E3N-W-A/20 will have 20 marked on the
- button.
  11 Includes molded in "PRESS TO RESET" marking.

10 BUTTON MARKING (IF BLANK, NO MARKING.)						Button Marking Orientation:			ı: (	15)			
03	3 amp	05	5 amp	07	7 amp	10	10 amp	13	13 amp	15	15 amp	20	20 amp
04	4 amp	06	6 amp	08	8 amp	12	12 amp	14	14 amp	16	16 amp		