

# CMB

## CMB-Series

### THERMAL CIRCUIT PROTECTORS

The CMB-Series is a compact, single pole, push-to-reset family of thermal circuit breakers designed to protect equipment. Utilizing simple, precision design with few moving parts, these breakers offer cost effective, extremely reliable circuit protection with high resistance against shock and vibration.



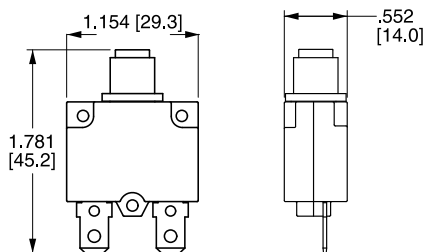
#### Product Highlights:

- Ratings from 3-20A, 125, 250VAC, 32VDC
- 2500 VAC/1 minute
- 60°C Max Operating Temperature
- 2500A @ 32VDC Interrupting Capacity
- 100M ohms Insulation Resistance
- Voltage drop <0.25 V
- UL, cUL, CSA, TUV, CE
- UL1500/ISO8846 for ignition protection/marine

#### Applications:

- Household Appliances
- Transportation
- Marine
- Power Strips
- Medical Equipment
- Audio Visual Equipment
- Power Supplies
- ROHS Compliant

#### Dimensional Specifications: in. [mm]



# CMB - 10 3 - 11 C 3 N - 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**  
CMB

**3 VOLTAGE**  
3 125-250VAC/ 32 VDC

**2 RATING**

03	3 amps	10	10 amps
04	4 amps	12	12 amps
05	5 amps	13	13 amps
06	6 amps	14	14 amps
07	7 amps	15	15 amps
08	8 amps	16	16 amps
		20	20 amps

**4 MOUNTING HOLE**

11	M11
12	M12
00	Snap In Style
27	3/8" 27 UNS
28	3/8" 27 UNS (double flatted)

**5 BUSHING**

**PLASTIC**

C 4	Type C
D 4	Type D
E 5	Type E
G 8	Type G
H 6	Type H
K 13	Type K

**METAL**

J 8	Type J
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**6 MOUNTING NUT 7**

N	None
1	Type 1
2	Type 2
3	Type 3
4	Type 4
5	Type 5
6	Type 6
7	Type 7
8	Type 8
9	Type 8

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

**7 INDICATOR PLATE 7**

N	None
A	Embossed Legend
B	Silver Printing on Black

All indicator plates are marked "Suppl. Prot. press to reset".

Notes: All dimensions are in [mm]. Tolerance  $\pm 0.05$  [ .127] unless otherwise specified.

1	Used with bushing C or D only.	10	Amp rating must match button marking (ex: 20 will be marked on the button of CMB-203-27G3N-W-A/20)
2	Used with H bushing only.	11	Includes molded in "PRESS TO RESET" marking.
3	Used with bushing E only.	12	Available with K bushing only.
4	Used with M11 mounting hole only.	13	Available with mounting hole 28 only.
5	Used with mounting hole 00 only.	14	Thickness is 3.0 mm, .118 in.
6	Used with M12 mounting hole only.	15	Available with G or J bushing only.
7	All hardware available separately. Consult factory.		
8	Available with mounting hole 27 only.		
9	Available with G, J or K bushing only.		

**8 BUTTON**

B	Black	R	Red	W	White
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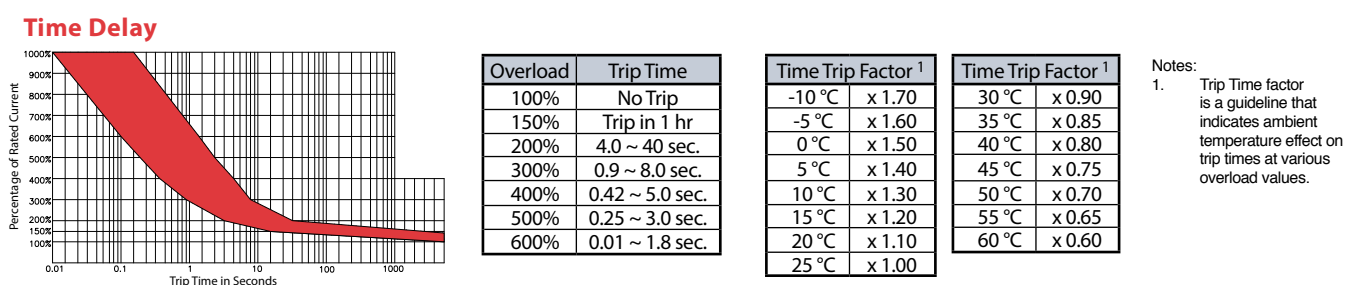
**9 TERMINAL**

A	Type A	F	Type F
B	Type B	G	Type G
C	Type C	H	Type H
D	Type D	J	Type J
E	Type E	R	Type R

F,G,H,J TERMINALS ARE 8-32 UNC

**10 BUTTON MARKING (IF BLANK, NO MARKING)<sup>10</sup>** Button Marking Orientation: line load

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		



\*Manufacturer reserves the right to change product specification without prior notice.

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Founded in 1920, Carling Technologies is a leading manufacturer of electrical and electronic switches and assemblies, circuit breakers, electronic controls, power distribution units, and multiplexed power distribution systems. With four ISO registered manufacturing facilities and technical sales offices worldwide, Carling Technologies Sales, Service and Engineering teams do much more than manufacture electrical components, they engineer powerful solutions! To learn more about Carling please visit [www.carlingtech.com/company-profile](http://www.carlingtech.com/company-profile).

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