CTB-Series

Thermal Circuit Breaker

PRODUCT WEBPAGE

request sample, configure part

Rocker Actuated

Single pole, rocker actuated thermal circuit breaker designed to protect equipment. This compact breaker offers simple snap-in mounting into a 16mm round double D panel cutout and accommodates panels ranging in thickness from .032 inches up to .110 inches. The CTB-Series is rated from 3-16 amps, 125VAC, 250VAC, 125/250VAC, 50VDC with 1,000 AIC.

1	**3-16**	**125-250**	**50**
Pole	Amps	VAC Max	VDC Max

Typical Applications

- Household Appliances
- Power Strips & Supplies
- On/Off-Highway
- Marine
- Audio-Visual Equipment
- Medical Equipment
- Exercise Equipment

Ordering Scheme

CTB – B – B – 05 – B

Selection   1   2   3   4   5

1. SERIES

CTB

2. BEZEL COLOR [1]

B   Black

3. ROCKER COLOR [1]

B   Black

4. RATING

03	3 amps	08	8 amps	14	14 amps
04	4 amps	09	9 amps	15	15 amps
05	5 amps	10	10 amps	16	16 amps
06	6 amps	12	12 amps		
07	7 amps	13	13 amps		

5. PANEL THICKNESS

blank   fits standard thickness of .032 – .062
B   fits .070 – .110 panel thickness
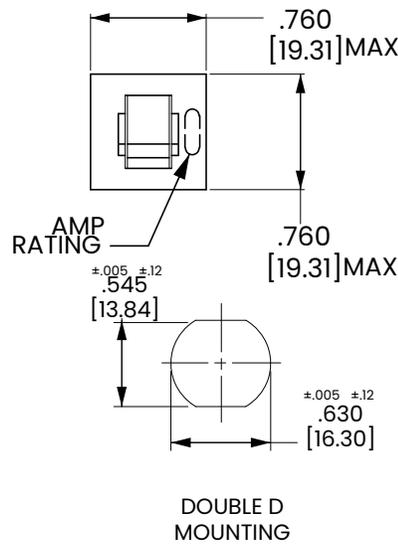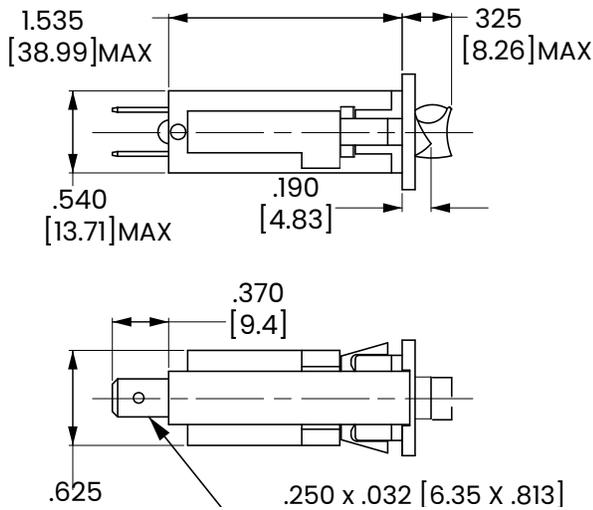
Notes:
1.   Additional colors available. Consult factory.

⊗ **Configure Complete Part Number >**   ⊗ **Browse Standard Parts >**

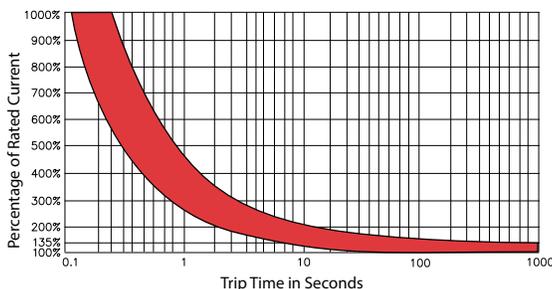---

Dimensional Specs
inches [millimeters]

1.535 [38.99]MAX   325 [8.26]MAX

.540 [13.71]MAX   .190 [4.83]

.370 [9.4]

.625   .250 x .032 [6.35 X .813]

RECOMMENDED PANEL THICKNESS:
0.032 - 0.062 [0.81–1.57]

.760 [19.31]MAX

AMP RATING

.760 [19.31]MAX

±.005 ±.12
.545 [13.84]

±.005 ±.12
.630 [16.30]

DOUBLE D MOUNTING

Notes:
Tolerance ±.005 [.127] unless otherwise specified. 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.

Time Delay

Overload	Trip Time
100%	No Trip
135%	Trip in 1 hr
200%	2.2 ~ 15 sec.
300%	0.9 ~ 3.4 sec.
400%	0.57 ~ 1.6 sec.
500%	0.38 ~ 0.94 sec.
600%	0.27 ~ 0.76 sec.

Correction Factor [1]	
0 °C	x 0.85
10 °C	x 0.90
15 °C	x 0.925
18 °C	x 0.952
25 °C	x 1.00
32 °C	x 1.05
40 °C	x 1.15
50 °C	x 1.39
60 °C	x 1.49

Notes:
1.   To adjust the breaker rating for ambient temperature, multiply the breaker rating by the factor. ex: 5A rating x .850 = 4.25A. Select 4A rating.

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

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