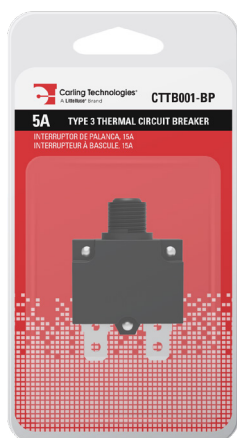


Carling Retail Circuit Breakers

5A-20A Type 3 Push-to-Reset



CTTB001



Description

CMB Series, Miniature, Push-to-Reset, part of Carling's push-to-reset family of thermal circuit breakers, the miniature CMB-Series is designed with minimal moving parts to assure cost-effective but reliable protection for a wide range of equipment applications. Offering a consistent trip point over temperatures ranging from -10°C to +60°C, this single pole breaker is rated from 3-20A, 125/250V AC, 32V DC with 1,000 AIC at 250V AC and 2,500 AIC at 32V DC.

Web Resources

Download 2D print, installation guide and technical resources at: littelfuse.com/Carling-Retail-CB

Ordering Information

CARDED PART NUMBER	BULK PART NUMBER	AMPS
CTTB001-BP	CTTB001	5
CTTB002-BP	CTTB002	10
CTTB003-BP	CTTB003	15
CTTB004-BP	CTTB004	20

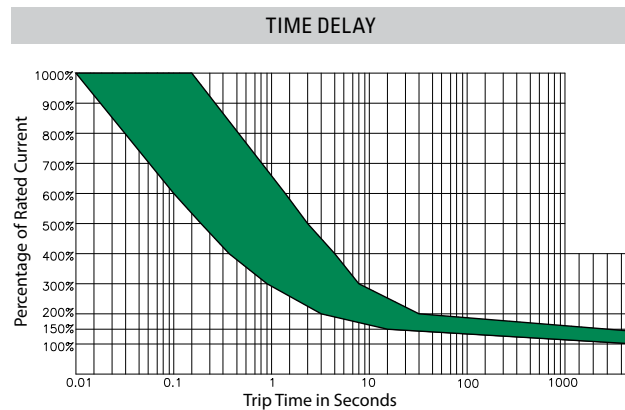
Features and Benefits

- Designed as a single pole breaker, providing focused and efficient protection for electronic circuits
- Rated at 125/250V AC and 32V DC with a high interrupting capacity of 1,000 AIC at 250V AC and 2,500 AIC at 32V DC
- Engineered with minimal moving parts, ensuring a cost-effective yet reliable solution for various equipment applications
- Rated from -10°C to +60°C ensuring reliable performance in diverse environmental conditions

Applications

- Household Appliances
- Power Strips & Supplies
- Marine
- Medical Equipment
- Audio-Visual Equipment

Performance Data



OVERLOAD	TRIP TIME	TRIP TIME FACTOR ¹	TRIP TIME FACTOR ¹
100%	No Trip	-10 °C x 1.70	30 °C x 0.90
135%	Trip in 1 hr	-5 °C x 1.60	35 °C x 0.85
200%	4.0 ~ 40 sec.	0 °C x 1.50	40 °C x 0.80
300%	0.9 ~ 8.0 sec.	5 °C x 1.40	45 °C x 0.75
400%	0.42 ~ 5.0 sec.	10 °C x 1.30	50 °C x 0.70
500%	0.25 ~ 3.0 sec.	15 °C x 1.20	55 °C x 0.65
600%	0.01 ~ 1.8 sec.	20 °C x 1.10	60 °C x 0.60
		25 °C x 1.00	

Notes:

1. Trip Time factor is a guideline that indicates ambient temperature effect on trip times at various overload values.