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Klixon® C Series: CA, CM, CDA, and CDM 2 to 40 Amp, Commercial, Ignition Protected Thermal Breakers

- Ignition protected

The C Series is available in four configurations:

- **CA:** Open construction, automatic reset
- **CDA:** Sealed construction, automatic reset
- **CM:** Open construction, manual reset
- **CDM:** Sealed construction, manual reset

Using a bimetal, snap-acting disc as the sensing and actuating element, the Klixon® C Series thermal circuit breaker provides trouble free over-current protection for harsh environments.



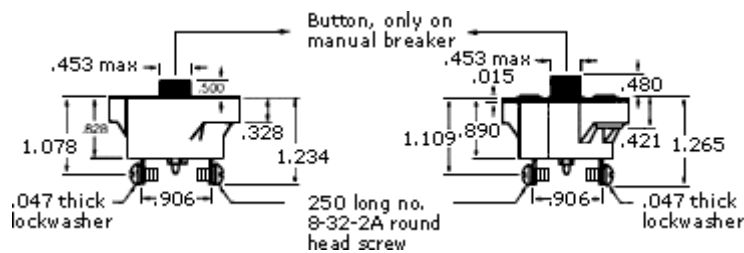
Applications

- Accessory and equipment protection for heavy trucks, buses, construction equipment, off-road vehicles, RV's
- Battery protection in electric vehicles

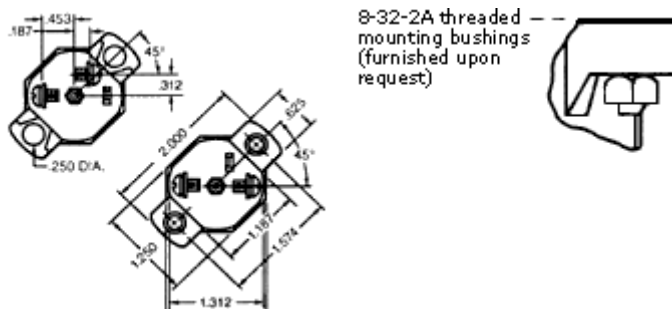
General Envelope Dimensions

Nominal dimensions provided for reference only.

Side View of CA, CM and CDA, CDM (pushbutton omitted on CA and CDA automatic reset versions):



Bottom View of CA, CM, CDA, CDM (2-10 Amp configuration):

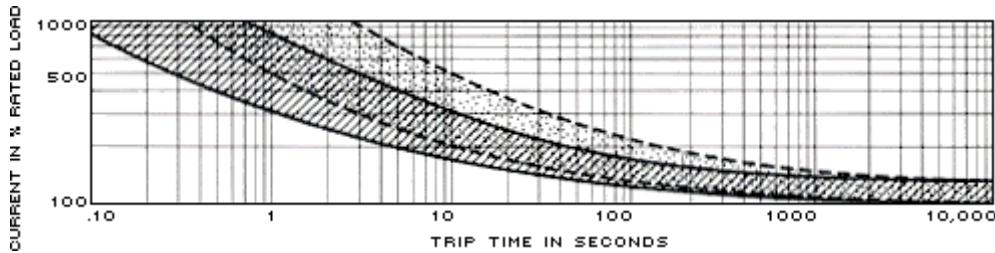


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Trip Curve

Approximate Time — Current Characteristics at 77°F (25°C)

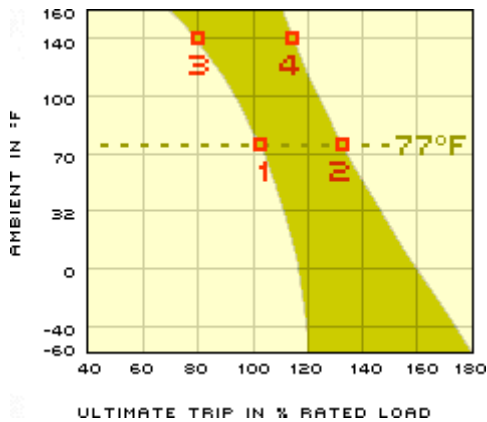


Dotted Lines: CA, CM, CDA, CDM series (10 Amps and below)

Solid Lines: CA, CM, CDA, CDM series

Derating Curve

Approximate Effect of Ambient Temperature on Ultimate Trip



Performance characteristics are based on room temperature (77°F). Consult derating curve at left for ambient temperatures significantly higher or lower than standard room temperature.

Example: At 77°F the device is calibrated to hold at 100% of rated current (1) and trip at 135% of rated current (2). At 140°F, the same device will hold at approximately 78% of rated current (3), and trip at approximately 115% of rated current (4).