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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.



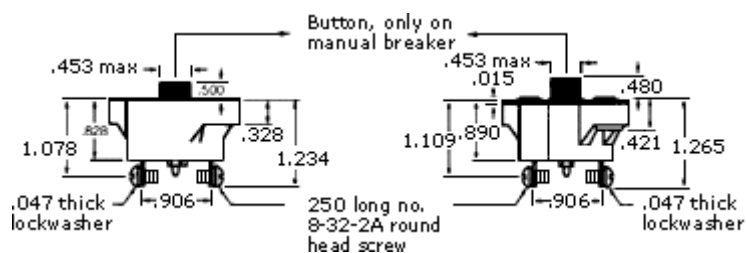
### Applications

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

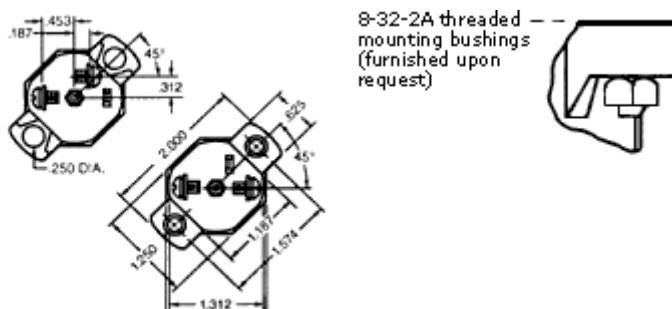
### General Envelope Dimensions

*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):

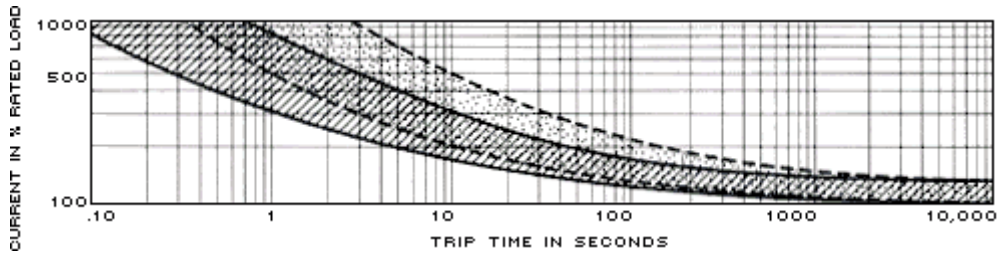


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### Trip Curve

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

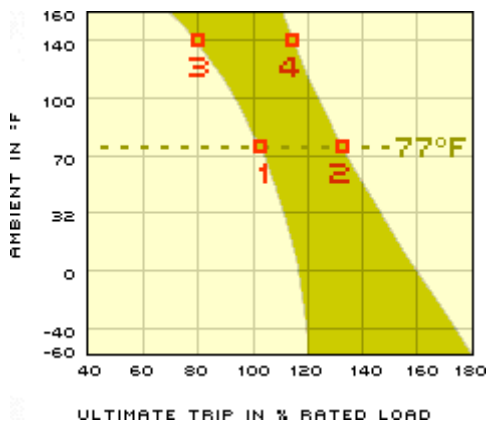


*Dotted Lines: CA, CM, CDA, CDM series (10 Amps and below)*

*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).