

59 Rue Emile Deschanel
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Klixon® 7855 Series 175 to 200 Amp Commercial, Ignition Protected Thermal Breakers

- Ignition protected

Using a bimetal, snap acting disc as the sensing and actuating element, the Klixon® 7855 series thermal circuit breaker provides trouble free over current protection for high current applications.

The 7855 Series is available in two configurations:

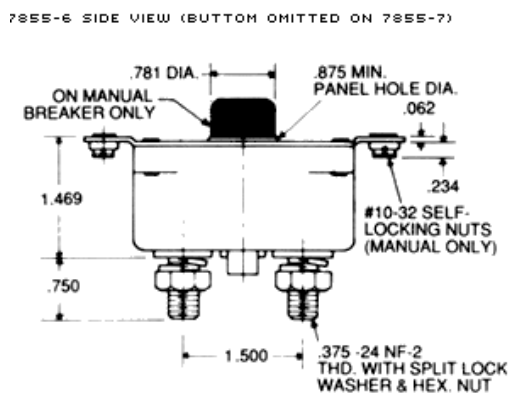
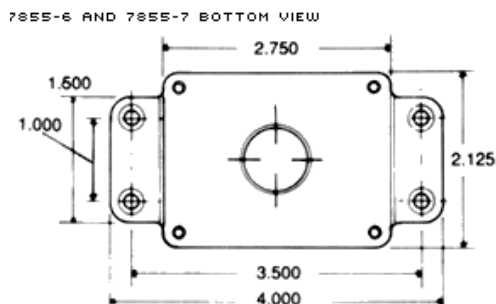
- **7855-6:** Sealed construction, manual reset
- **7855-7:** Sealed construction, automatic reset

Applications

- Main harness protection for heavy trucks, buses, construction equipment, off-road vehicles, and RV's
- Electric vehicle battery protection

General Envelope Dimensions

Nominal dimensions provided for reference only.

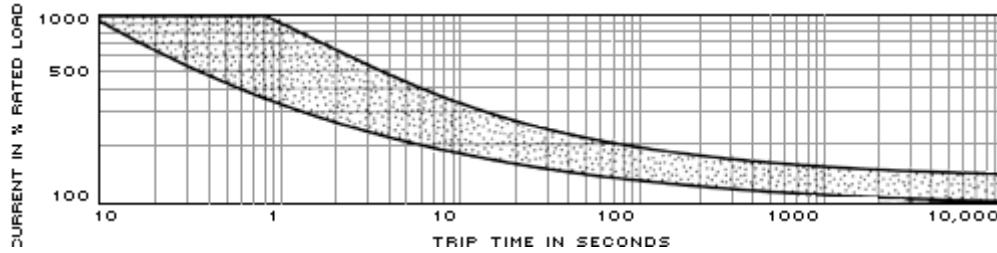


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Trip Curve

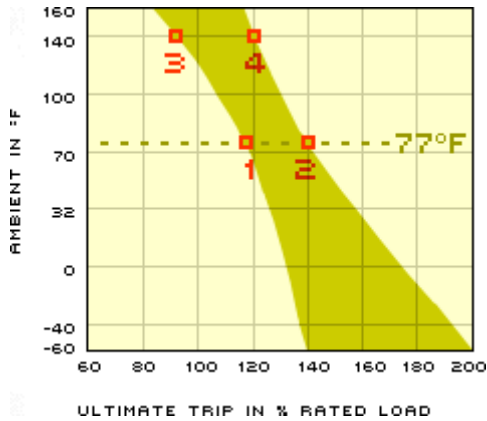
Approximate Time — Current Characteristics at 77°F (25°C)



Solid Lines: 7855-6 and 7855-7

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 110% of rated current (1) and trip at 138% of rated current (2). At 140°F, the same device will hold at approximately 92% of rated current (3), and trip at approximately 120% of rated current (4).