59 Rue Emile Deschanel
92400 Courbevoie, France

Tél : 33 (0)1 46 91 93 30
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Klixon® 9115 Series (Waterproof)
15 to 30 Amp Precision, Ignition Protected Thermal Breakers

- Ignition protected
- Waterproof: meets the requirements of MIL-E-13856
- Meets requirements of commercial item description A-A-55571 for all federal agencies
- Reliable performance: utilizes the accepted snap–acting Klixon disc
- Maximum cable efficiency: calibration and thermal disc allow maximum usage of wiring capacity

In addition to a completely sealed thermal element, the 9115-5 (automatic reset) and 9115-6 (manual reset) types also have molded–in electrical terminals and are supplied with rubber connectors (shells).

Performance

Characteristics	
Calibration	At 25°C (77°F) hold 115% and trip 138%
High Potential Test	1000 volts rms — 60Hz for 1 minute
Vibration Resistance	1055 cps 1.52 (.060") excursion for 3 hours
Shock Resistance	100G, 30 times per MIL-STD-202
Corrosion Resistance	100 hours per MIL-STD-202
Fungi Resistance	Per specification MIL-F-13927
Waterproof	Per specification MIL-STD-1184
Dustproof	Per specification MIL-STD-810
Approximate Weight	6.3 grams (2.25oz)

Applications

- Completely waterproof electrical systems of ordinance vehicles
- Mobile military ground equipment, including trucks, tractors, graders, earth movers, fuel units and amphibious, as well as commercial, vehicles

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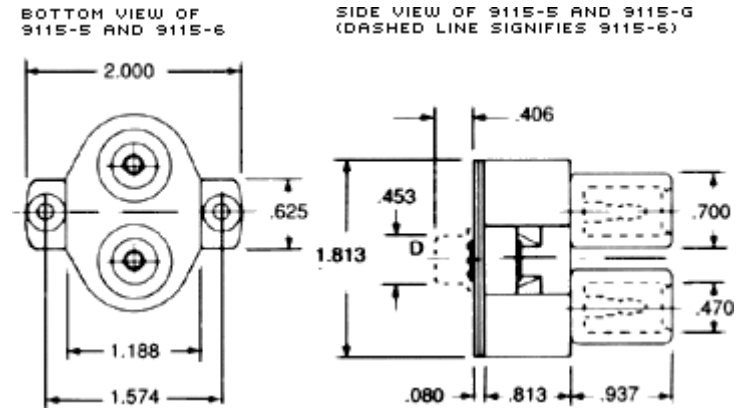
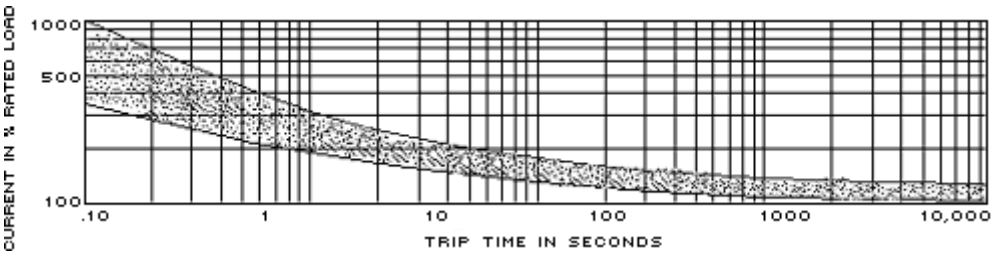
General Envelope Dimensions

Nominal dimensions provided for reference only.



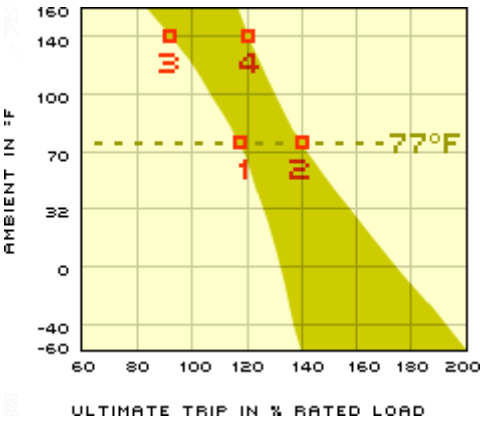
Trip Curve

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



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).