

L117 SERIES TEMPERATURE LIMITING CONTROLS

SMART ENERGY MANAGEMENT



NEED HIGHLIGHTS

- One Control for Heating or Cooling
- Rugged, Weather Resistant Enclosure
- Corrosion Resistant Materials for Long Life
- NEMA 4X Enclosure Complies with N.E.C. Article 547
- Modern, Fully Electronic Design
- Remote Sensing Available
- Large, Readily Visible Dial
- UL Listed and CE Compliant

DEMAND MORE FROM YOUR THERMOSTAT

NEEDS TITLE

The PECO L117 Series provides the original equipment manufacturer with the flexibility to meet a wide range of applications and requirements. The series encompasses the LA, LB, and LC versions.

NEEDS TITLE

The L117 series incorporates a negative bias temperature sensing element. The bulb and capillary type sensor accurately senses temperature at the bulb location to provide overtemperature protection. Additionally, if the unit is mechanically damaged resulting in loss of sensor fill fluid, such as by a broken capillary tube, the switch contacts will operate as if a high temperature condition has occurred.

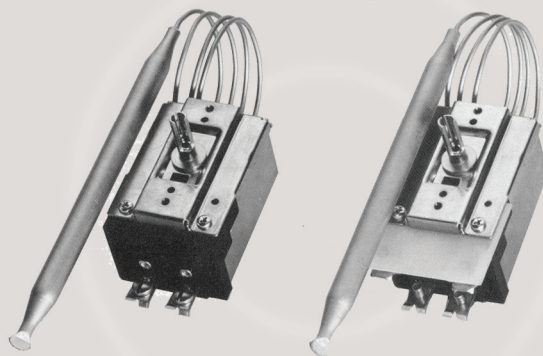
These controls are available as type M1, M2 or automatic reset devices. M1 devices (LA series) are manual reset but will operate as an automatic reset control when the reset plunger is held depressed. M2 devices (LB series) are manual reset controls that will not automatically reset even though the reset plunger is held depressed. Automatic reset devices (LC series) will operate the contacts at the temperature setpoint and will automatically reset their contacts when the temperature is reduced. All series (LA, LB, and LC) are available with either line voltage or millivolt ratings.



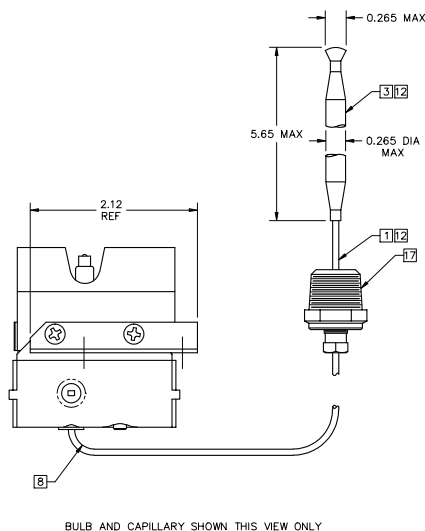
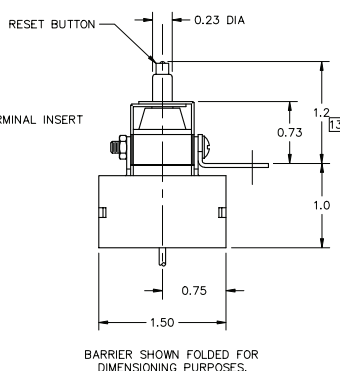
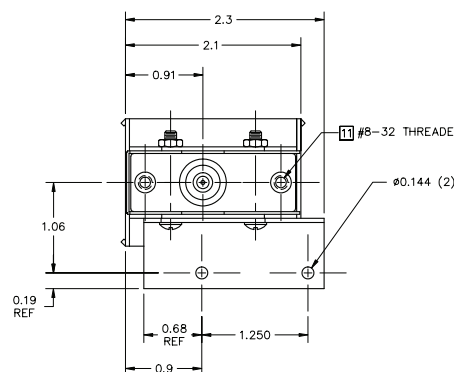
L117 SERIES TEMPERATURE LIMITING CONTROLS

TECHNICAL SPECIFICATIONS

Temperature Range	Various Ranges Available from 100° to 700°F / 37° to 370°C
Thermostat Mounting	1 5/16" or 1 3/4" mounting centers
Bulb Diameters	Standard bulb diameters 3/6", 1/4", 5/16", 3/8"
Sensor Lengths	Standard capillary lengths to 120"
Fittings	Various capillary fittings available
Shaft Configurations	Standard industry shaft configurations available
Agency Approvals	UL, UL Canada, CSL, VDE, DEMKO, CE



MOUNTING INSTRUCTIONS



RATINGS

Model	Voltage Rating	Non-Inductive	Full Load	Locked Rotor	Pilot Duty
LA117	120/240/277	30/30/30/10	9.8/8/6.6/--	58.8/48/39.6/--	250/250/250/250
LB117	120/240/277	30/30/30/10	9.8/8/6.6/--	58.8/48/39.6/--	250/250/250/250
LC117	120/240/277	25/25/22/5	9.8/8/6.6/--	58.8/48/39.6/--	125/125/125/125

MODEL SELECTION GUIDE

Model	Part Number	Description
LC117-020	65835	Temp Limit: 450°F, 30" capillary
LC117-040	68475	Temp Limit: 265°F, 24" capillary



PECO Control Systems
An Astronics Company

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