

Thermal Switch: 17AME-H Series

NARROW DIFFERENTIAL

This Bimetal Thermal Switch from Calco Features Lowest Temp of 0°C - 180°C

17AME-H series bimetal thermal switch is specially designed for heating, lighting and motors. The switch is focused on the low temperature range and small temperature differential. Based on the principle of bimetal heat expansion and cold contraction, the thermal switch can control the temperature of application under a very small range.

Features:

1. **Both creep action and snap action are possible**
2. 100% Calibrated Temperature
3. Creep Action and small temperature differential between OFF and ON Snap Action
4. Choose your wire type and length
5. Terminals can be same or opposite end
6. 100% RoHS Compliant
7. 100,000 Life cycles



Product Specs:

Voltage : 120V 230VAC; 12V 24VDC

Current : 5A 3A

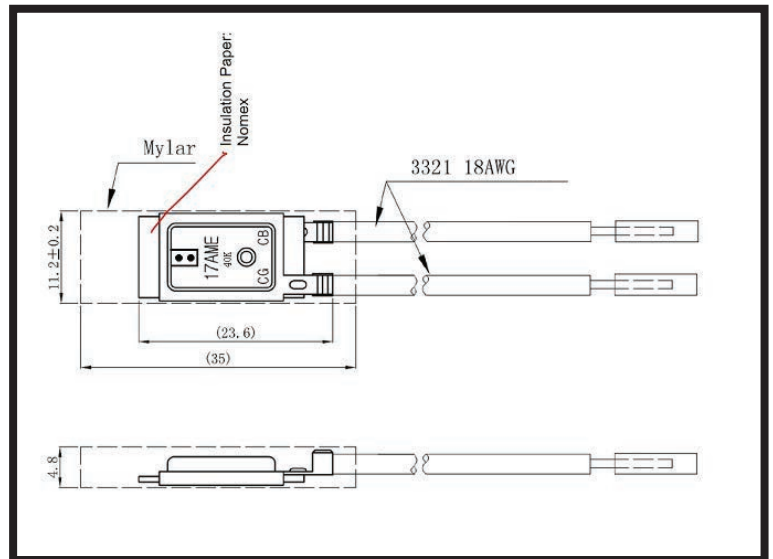
Temperature range : 0°C - 180°C

Electrical Ratings:

1. 5A / 120V AC
2. 3A / 230V AC

Temperature Ratings:

1. Response temperature: 0°C - 180°C
2. Tolerance: ±5°C
3. Differential temperature: 5°C for creep action or 2-10°C for snap action



Applications:

1. Heated Blankets
2. Heating Pads
3. Personal care appliances
4. Other applications which need low temperature control

Special Instructions:

1. The temperature rise under calibration should be less than 1°C per 2 minutes;
2. Vacuum varnishing is not applicable. Specially treated thermal switch is possible;
3. Varnishing under room temperature is possible. The temperature has to be less than 70°C;



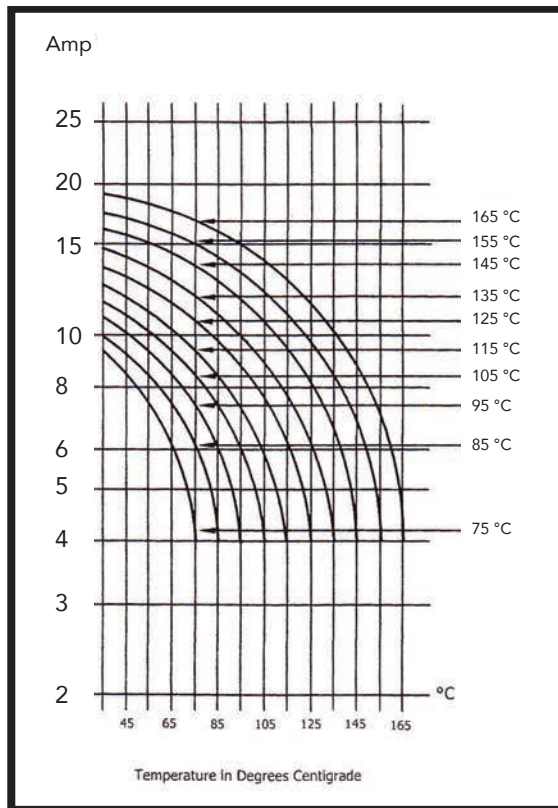
Phone: 330-966-3796
Fax: 330-408-7085
sales@calcoelectric.com
2381 Locust St. S., Unit #6
Canal Fulton OH, 44614
www.calcoelectric.com

Thermal Switch: 17AME-H Series

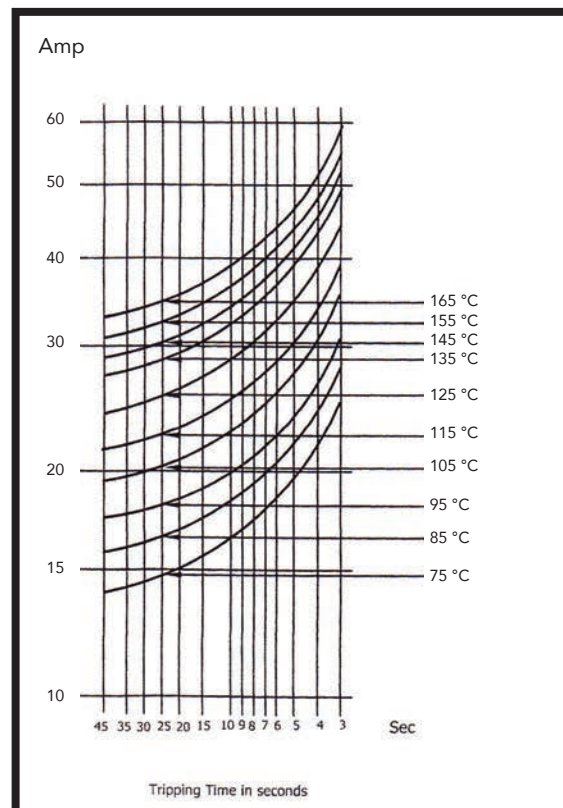
NARROW DIFFERENTIAL

Temperature Current Tripping Time

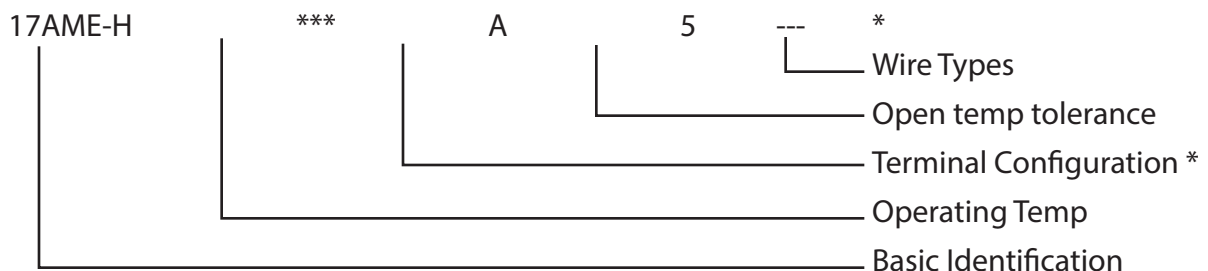
Ultimate Trip Current
VS.
Protectors Ambient Temperature
(Approximate: to be used for selecting samples only)



Average First Cycle Tripping Time
VS.
Current in 25°C Ambient
(Approximate: to be used for selecting samples only)



Product Marking



Phone: 330-966-3796
Fax: 330-408-7085
sales@calcoelectric.com
2381 Locust St. S., Unit #6
Canal Fulton OH, 44614
www.calcoelectric.com