Antunes Controls
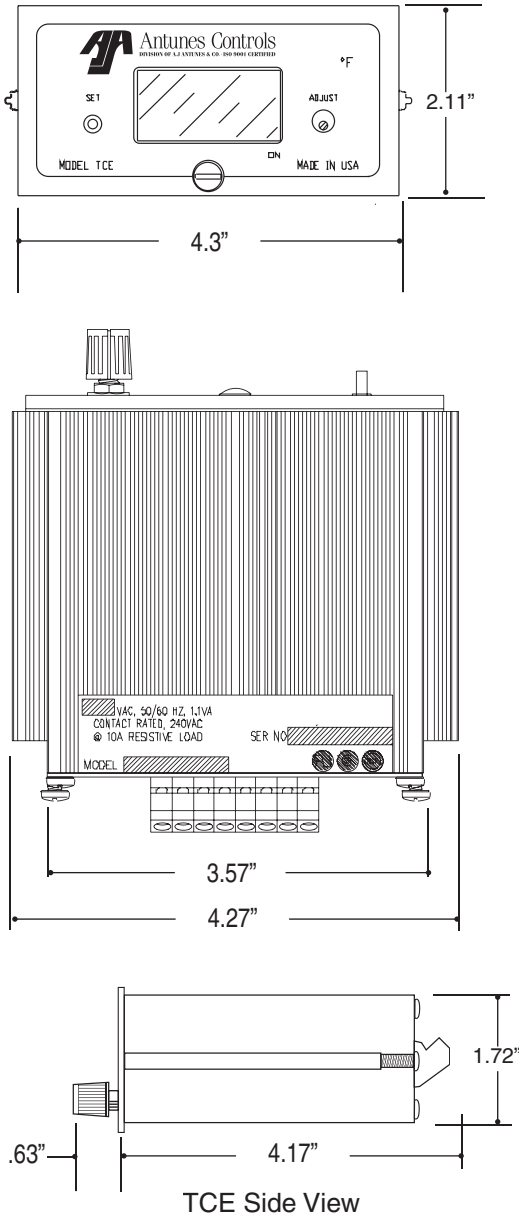
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The model TCE is an electronic control that offers the latest in advanced technology and cost efficiency. All Antunes Controls are accurate, reliable and cost effective. These quality controls have been designed to meet specific needs at a competitive price. In addition, we welcome the opportunity to modify these controls to meet your specific requirements or possibly design a new custom control to fulfill your needs.

Features:

- Thermocouple Input (Type J or K)

- Accuracy 1% full Scale +/- LSD

- Easy to Install

- 3 Digit LED Display

- F & C Scaling

- Screw Terminal Connections

- Anodized Aluminum Case

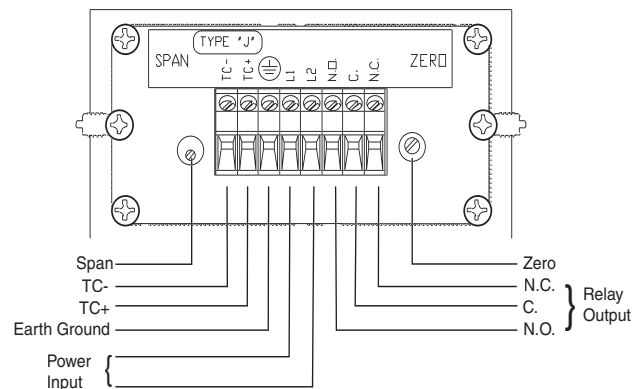- Hysteresis 1 to 2º Typical, Can be Factory Preset to 10º

- Competitive Pricing

Model - TCE

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Dimensions:

4.3"

2.11"

3.57"

4.27"

.63"   4.17"   1.72"

TCE Side View

Panel Knockout: 1.77" H x 3.62"W, (45mm x 92mm)

Specifications:

Sensor: Thermocouple (Type J or K)

Accuracy: 1% Full Scale ± 1 LSD

Ambient Operating Temperature: -30ºF to 140ºF
(-35ºC to 60ºC)

Ambient Storage Temperature: -40ºF to 180ºF
(-40ºC to 82ºC)

Power: 12 Vac/DC, 24 Vac, 115 Vac,
230 Vac, 50/60Hz

Package: 1/8 Din Panel Mount
Anodized Aluminum Case

Output: 3A Relay, Standard (Resistive Load)
or 12-16 VDC @ 30 mA

Controls: On/Off

Display: 3 Digit LED (0.56" High)

Connections: Screw Terminal

Hysteresis: Typically 1-2º unless offered otherwise

Set Point Adjustment: External Knob or Recessed
Screw Drive Adjustment

Temperature Range: 50º - 940ºF
(10º - 530ºC)

Wiring Diagram

Span
TC-
TC+
Earth Ground
Power Input

Zero
N.C.
C.
N.O.
} Relay Output

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