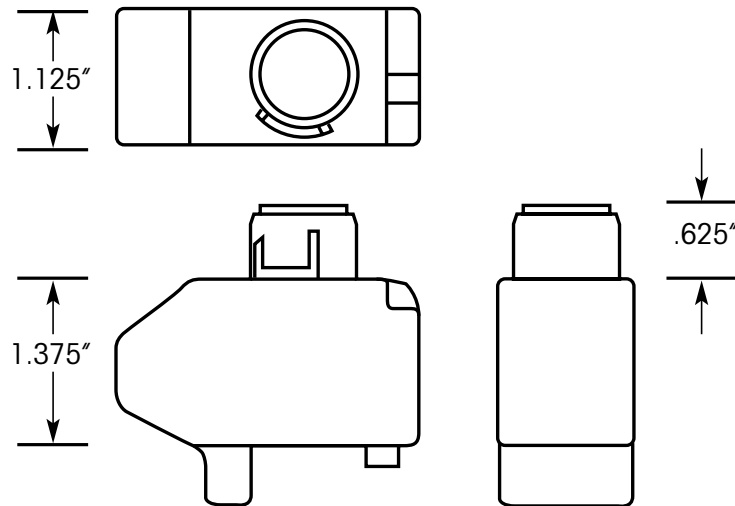


TR Transformer Relay Product Details



General Information

- Unique patented built-in Class 2 Transformer power supply
- Magnetically latching contacts
- Single moving part design
- Operates in any position
- Unmatched endurance
 - 200,000 (ON/OFF) cycles, at FULL LOAD
 - 1,000,000 (ON/OFF) cycles, at no load
- 20 amp 120 or 277 VAC operation (TR-120 or TR-120A for 120VAC applications, TR-277 or TR-277A for 277VAC applications)
- UL Listed
- Mounts in standard ½" K.O. .865" – .875" diameter, 14 or 16 gauge material
- Operates in any position

Line Voltage Characteristics

- Contacts: SPST Maintained (permanent magnet latching)
- Termination: Color Coded, 6" Pigtail Leads
 - Line – 14 AWG, Black
 - Load – 14 AWG, Blue
 - Neutral – 18 AWG, White

Low Voltage Characteristics

- Single transformer secondary-relay operating coil – 15 VAC open circuit and 200 mA short circuit, maximum
- Brown and Yellow control leads, 20 AWG, 6"
- Duty Rating: Momentary
- Minimum activating pulse time: 50 milliseconds

Physical:

- Mounts in standard ½" K.O. .865" – .875"
- Operates in any position

Electrical:

- 120/277 VAC
- Motor Loads
 - 1 Hp @ 120VAC
- 20 amp Ballast 120 VAC
- Resistive loads: 20 amps 120/277 VAC

Operating Environment:

- Location Interior Space
- Operating Temperature 0° to 60° C (32° to 140° F)
- Relative Humidity 10% to 95%
- Atmosphere Non-condensing, Non-explosive, Non-corrosive
- Vibration Stationary application, NEMA Level A

Certifications:

- UL