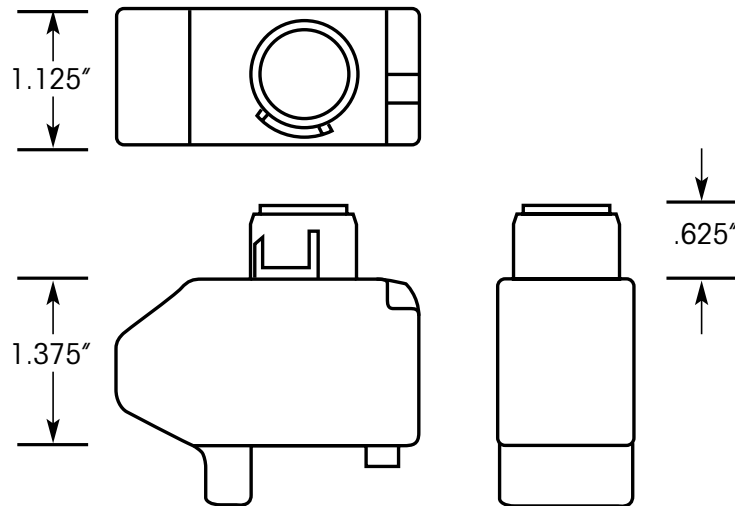


TR-RETRO Transformer Relay



General Information

- Intelligent Retrofit Circuit causes relay to go to ON status automatically upon activation or reactivation of controlled circuit
- 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-RETRO 120 for 120VAC applications, TR-RETRO 277 for 277VAC applications)
- UL, FCC approval for commercial and residential use

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

- 3 Wire low voltage control
 - Black OFF
 - Red ON
 - Yellow Common
- Duty Rating: Momentary
- Minimum activating pulse time: 50 milliseconds

Physical:

- Mounts in standard 1/2" K.O. .865" - .875"
- Operates in any position

Electrical:

- 120/277 VAC
- Motor Loads
 - 1 Hp @120VAC
 - 1 1/2 Hp @277 VAC
- 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



Energy Saving Lighting Controls

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