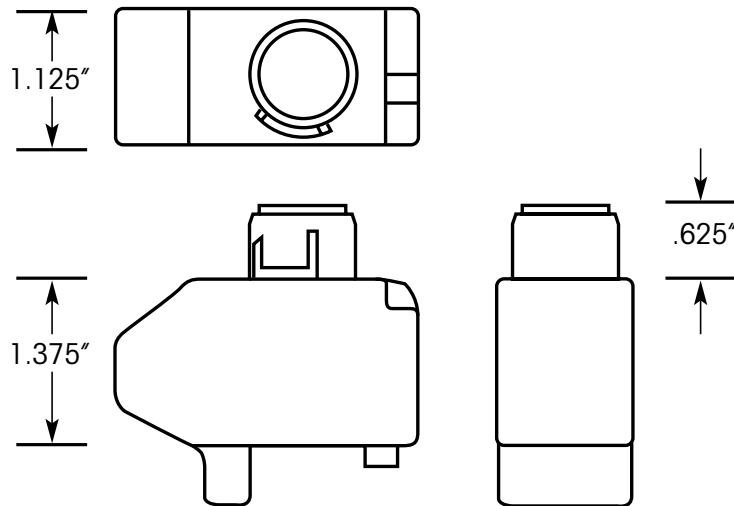


# TR-A Transformer Relay with Pilot Contacts



## General Information

- Unique patented built-in Class 2 Transformer power supply
- 1 AMP 30 VAC isolated contacts for status feedback or pilot lights
- 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-120A for 120VAC applications, TR-277A for 277VAC applications)
- UL Listed

## 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
  - Aux. Contacts - Orange

## 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 1/2" 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