Model TR-200

Flash transfer relay

- **Operating voltage range:** 89 to 135 VAC RMS, 47 to 63 Hz
- **Operating temperature range:** -40° to +180° F (-40° to 82° C)
- **Operating humidity range:** 5% to 95% (non-condensing)
- **Coil specifications:**
  - Maximum pull-in voltage: 85 VAC
  - Minimum dropout voltage: 25 VAC
  - Nominal power: 4 VA at 120 VAC
- **Contact material:** Silver alloy
- **Contact ratings:**
  - 30 Amps resistive at 120 / 240 VAC
  - 20 Amps resistive at 28 VDC
  - 10 Amps tungsten at 120 VAC
  - 175 Amps one cycle surge RMS at 120 VAC
  - 100,000 operations at rated load
- **Dielectric strength:**
  - Across open contacts: 600V RMS
  - Contact to coil: 1500 V RMS
  - Contact to frame: 1500 V RMS
  - Leakage current: ≤ 1 mA
- **LED provides visual indication of coil voltage**
- **Solid polarizing pin**
- **Dimensions:** 2.47 inches (6.27 cm) high x 1.85 inches (4.70 cm) wide x 3.90 (9.91 cm) deep (including connector)

Overview:

The Model TR-200 Flash Transfer Relay is designed to meet or exceed NEMA Standard TS 2-2003. Model TR-200 Flash Transfer Relays are constructed with a transient suppressed full wave rectified coil to provide chatter free operation in brownout conditions down to 89 VAC. The rectified coil provides lower power consumption than conventional AC coils. A rear mounted eight pin polarized connector mates with a Cinch-Jones 2408SB socket.

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ISO 9001 REGISTERED

Specifications are subject to change to reflect improvements and upgrades.

P/N 551-4002-00 5/12/05