

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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