



## TR-200

### FLASH TRANSFER RELAY UNIT FOR NEMA & CALTRANS CABINETS

The Model TR-200 Flash Transfer Relay is designed to meet or exceed NEMA Standard TS 2-2003.

#### FEATURES

- 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)
- Contact material: Silver alloy

#### HIGHLIGHTS

- Meets or exceeds NEMA Standard TS 2-2003
- LED provides visual indication of coil voltage
- Solid polarizing pin
- 1-year limited warranty



Specifications subject to local environmental conditions, and may be subject to change. All Eberle Design LLC products are Designed, Manufactured and Tested in the United States of America in facilities that are certified to ISO quality standards. "Eberle Design Inc." and Eberle Design LLC logo are trademarks of Eberle Design Inc. © 2025, Eberle Design LLC. Document: EDI\_DATA\_TR-200\_RevB



## NEMA CABINET COMPATIBLE CALTRANS CABINET COMPATIBLE

#### Design

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.

#### Coil Specifications

Maximum pull-in voltage: 85 VAC. Minimum dropout voltage: 25 VAC. Nominal power: 4 VA at 120 VAC.

#### 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: 1500V RMS. Contact to frame: 1500V RMS. Leakage current: ≤ 1 mA.

#### 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).