

LightLEEDer

2R Relays

Overview

2R series relays are designed to be the longest lasting, most reliable relays available. By incorporating a unique single moving contact, both endurance and reliability are significantly enhanced. These relays have been tested to handle 200,000 full load cycles and 1,000,000 no load cycles. They have two high quality nickel-silver contacts that can handle today's high-inrush loads. Relays are available with or without status contacts and are available with various interface connectors.



2R9C

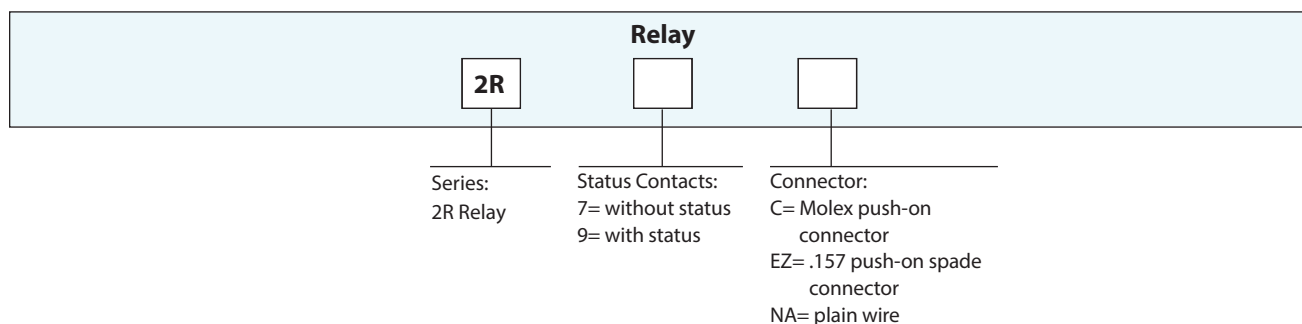
Features

- **Made in the USA**
- **UL and CUL listed**
- **Relay contacts** consist of 2 nickel-silver contacts designed for high currents
- **Latching relay** holds position without the presence of power, saving energy
- **Mounts** in standard 1/2" knockout
- **Operates** in any position
- **Terminals** consist of 2 line and 2 load connections
- **Screw-actuated wire clamps** for use with 10 to 14 AWG solid or stranded copper wire
- **Status contacts** for isolated true relay feedback or pilots
- **200,000 full load cycles** independently tested

Warranty

Six-year limited warranty

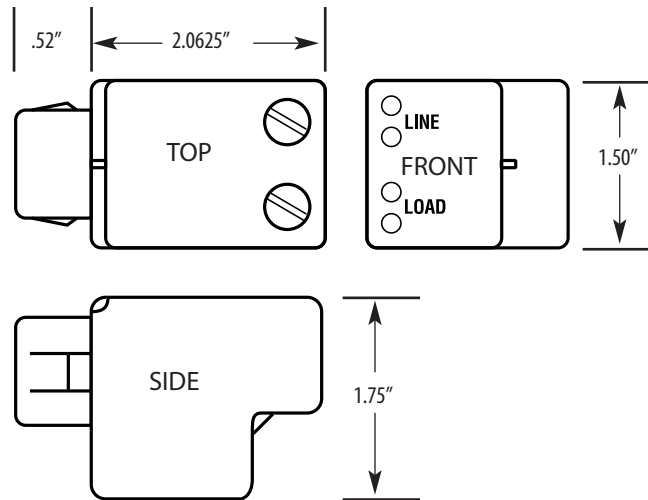
Ordering



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Physical



Specifications

Physical:

- 1.5" Wide x 1.75" High x 2.6" Long
- Mounts in standard 1/2" knock-out
- Handles up to a 10 AWG wire
- Clearly marked connection designations

Low Voltage Control:

- 18-30 VAC rectified, 12-24 VDC filtered
- 175-350mA
- Momentary duty rating
- 17 milliseconds minimum activation time
- 50 to 60 Ω coil resistance
- 1A @ 30 VDC/VAC status contacts

Electrical:

- 120, 277 or 347 VAC
- 20 Amp ballast loads
- 20 Amp resistive loads
- 1 Hp @120VAC motor loads
- 18,000 Symmetrical Amps SCCR

Connectors:

- C= Molex MTA push-on connector
- EZ= .157 push-on spade connector
- P= plain wire

Operating Environment:

- Location: Interior Space
- Operating Temp.: 0° to 60° C
- Humidity: 10% to 90% Non-condensing
- Atmosphere: Non-explosive/corrosive
- Vibration: Stationary

Certifications:

- UL and CUL listed
- FCC