



Overview

The Reliant40 relay is designed for durability, flexibility, and ease of use. This relay is a superior relay that employs 4 latching nickel-silver contacts. The relay is available in 1, 2, or 3 pole configurations for controlling 120 VAC to 480 VAC loads. It is UL and C-UL listed and is rated for 120 VAC to 347 VAC per pole with a current rating of up to 40 Amps. This relay carries a high fault SCCR rating of 18,000 Amps @ 347 VAC. It also features a manual toggle switch for ON/OFF activation and a Lock-ON/OFF switch to disable control from the panel electronics. Installation is easy with 1 screw and 1 push-on ribbon connector.



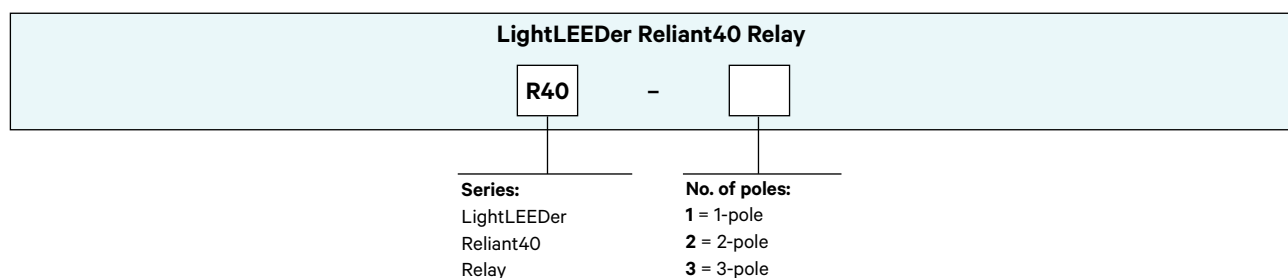
Features

- **Made in the USA, meets BAA and BABA Requirements**
- **UL and CUL listed**
- **Suitable** for controlling all lighting loads
- **Electronic ballast** high current inrush load rating
- **Relay contacts** consist of 4 nickel-silver contacts designed for high currents
- **Latching** relay holds position without the presence of power, saving energy
- **Plug-load compatible**
- **Relay configurations** available in 1-, 2-, or 3-pole ganged assemblies
- **Manual lever override switch** with highly visible indicator
- **Lock-ON/Lock-OFF** feature disables On or OFF control from the electronics
- **Terminals** consist of 2 line and 2 load connections
- **Screw-actuated wire clamps** for use with 10-12 AWG solid or 8-12 AWG stranded copper wire
- **Easily mounted** - as easy as interfacing a tab and securing with a screw
- **Operates in any position**
- **Wire strip guide** located on the side of the relay

Warranty

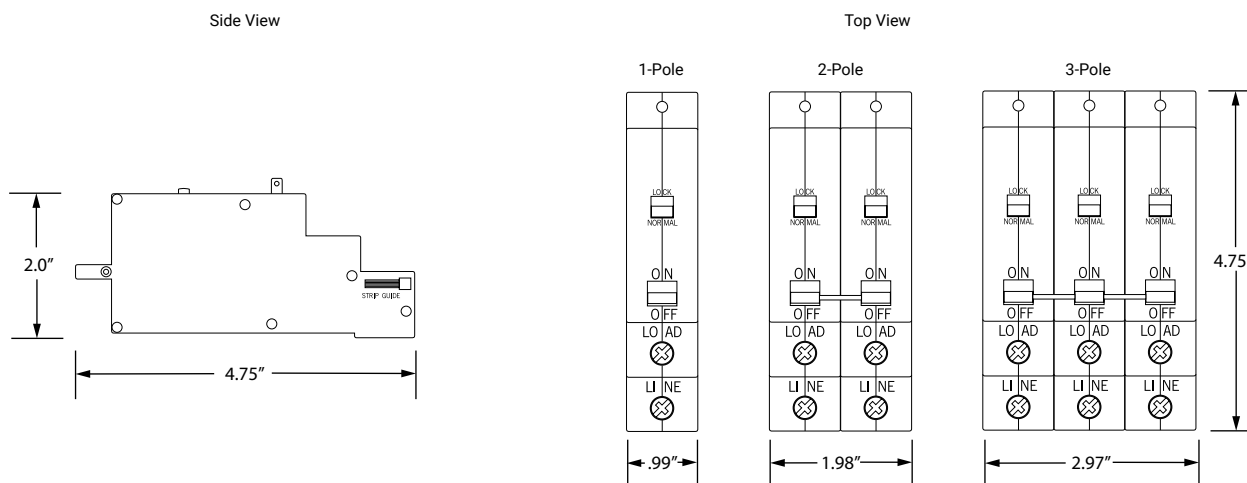
Five-Year limited warranty

Ordering



All ILC product configurations are built to be compliant with the Buy American Act of 1933 (BAA) or the Build America Buy America Act (BABA). BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

Physical



Specifications

Physical:

- .99" Wide x 2.0" High x 4.75" Long (1 pole)
- Accepts 8-12 AWG stranded Cu wire or 10-12 AWG Solid Cu wire
- Easy installation into any panel
- Removable ribbon connector interface
- Clearly marked connection designations

Low Voltage Control:

- 18 to 24 VDC
- Momentary duty rating
- 50 milliseconds minimum activation time
- 50 to 55 Ω coil resistance
- 100mA @ 5 VDC status & disable contacts

Electrical:

- 120, 277 or 347 VAC per pole (controls 208/240/480 loads)
- 40 Amps HID and ballast loads
- 40 Amp resistive loads
- 16 Amp electronic ballast loads (UL's limit)
- 1.5 Hp @120VAC motor loads
- 18,000 Symmetrical Amp SCCR @347 VAC
- Plug-load compatible

Operating Environment:

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

Domestic Preferences:

Domestic preference options to meet BAA or BABA requirements. BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

Certifications and Approvals:

- UL and CUL Listed
- FCC