



- Single pole lighting control
- True zero cross switching
- Easy installation
- Controls 120 or 277V circuits
- UL listed
- Available Normally Open (NO) or Normally Closed (NC) types
- Type automatically recognized in controller



### Overview

The ILC Softcross™ relay is designed for the Apprentice II lighting control panels. This relay features true zero cross switching that eliminates arcing on the contacts, thus enhancing relay endurance and reliability. The relay board's circuitry is designed to prolong its life to an average of 10,000,000 cycles. Softcross relays are electrically held and are available in NO (normally open) and NC (normally closed) types, and relay types can be mixed in the lighting controller. Softcross relays are mounted in the panel with a push-on connector interface and a single screw.

### Features

#### General Information

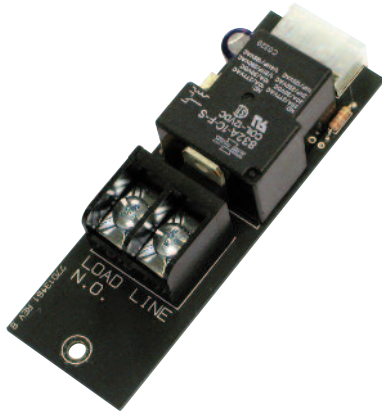
- UL listed
- Mounts in panel with a push-on connector and a single screw

#### High Voltage Characteristics

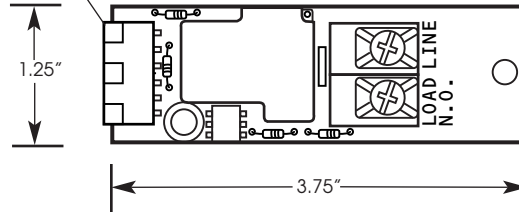
- Contacts are electrically held SPST
- Available in two types (NO or NC)
- Screw type terminals handle #14–10AWG solid or stranded copper wire

INTELLIGENT LIGHTING  
CONTROLS, INC.

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Connector to I/O board



## Specifications

### Physical:

- 3.75"W x 1.25"H x .87"D
- Plug-in module designed for mounting directly to Apprentice II I/O board(s)

### Electrical:

- 20 amp ballast
- 20 amp resistive
- 120 or 277 VAC
- 50 to 60 Hz

### Operating Environment:

- Location Interior space
- Operating Temperature 0° to 50° C (32° to 112° F)
- Relative Humidity 10% to 90% Non-condensing
- Atmosphere Non-explosive, Non-corrosive
- Vibration Stationary application NEMA Level A

### Certifications:

- UL
- FCC approval for commercial and residential use
- California Title 24

### How to Order

Ordering a **Softcross SRI Relay**  
Order No. SRI - NO (sample)

SRI - \_ \_ \_

Normally Open (NO),  
Normally Closed (NC)

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