

Project		Catalog #		Type	
Prepared by		Notes		Date	



# Fifth Light

## Relay Panel

Provides scalable and modular On/Off control over a lighting panel as part of a DALI system for convenient control of multiple On/Off loads

### Typical Applications

Office • Education • Healthcare • Hospitality • Retail • Industrial • Manufacturing

### Interactive Menu

- Order Information page 2
- Wiring Diagrams page 3
- Product Warranty

### Product Certification



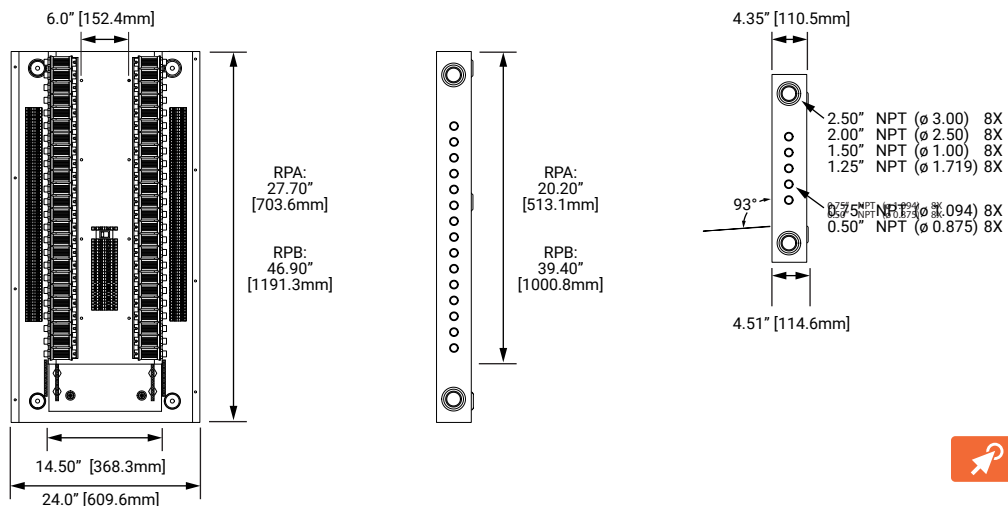
### Product Features



### Top Product Features

- Permits control of On/Off luminaires from the integrated interface
- Manual and programmable control of each relay via web based software
- Factory configured for 24 or 48 relays
- Relay and communication circuitry are fully enclosed
- Manual override switch sets all relays to the On position
- Capable of mixed load voltages as well as mixed sources
- Rated for Receptacle loads

### Dimensional Details



additional product diagrams

## Order Information

The following sample model number is for a Relay Panel with 24 channel relay capacity with 12 relays.

SAMPLE ORDER NUMBER: **FLT-RPA-12R**

The relay capacity and number of relays can be customized for project specific requirements. Contact your local service representatives for more details.

Catalog Number

Brand	Panel Size	Number of Relays
FLT	RPA = up to 24 relays RPB = up to 48 relays	0 - 24R = (RPA) 0 - 48R = (RPB)

## Product Specifications

### Mechanical

#### Size:

- **RPA:** 27.7"H x 24.0"W x 4.4"D  
(704mm x 610mm x 110mm)
- **RPB:** 46.9"H x 24.0"W x 4.4"D  
(1191mm x 610mm x 110mm)

#### Environment:

- **Operating temperature:** 32°F to 104°F (0°C to 40°C)
- For indoor use only

**Mounting:** Surface mount

### Electrical

**Input Voltage:** 120-347 VAC +/- 10%

**Maximum Load:** 20 Amps per relay

**Relay:** Wire-trap connections, use 10 AWG to 20 AWG solid/stranded wire

**DALI:** Wire-trap connections, use 14 AWG to 20 AWG solid/stranded wire

**Grounding:** Grounding bar

### Control Specifications

**Communication Interface:** Digital Addressable Lighting Interface (DALI)

**DALI Current Draw:** 3.75mA

### Standards/Ratings

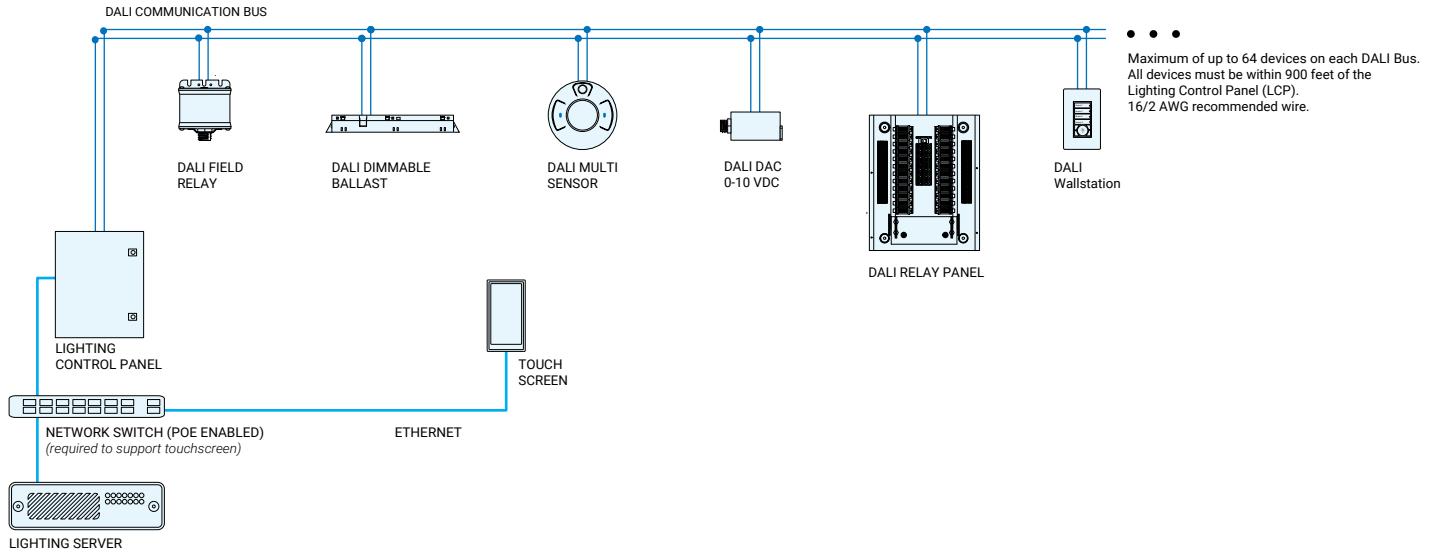
- CSA Listed

### Warranty

Consult website for warranty information

## System Architecture

This diagram illustrates the main components of the Fifth Light system. The DALI wallstations, DALI multi-sensors, DALI field relay, DALI DAC and DALI dimmable drivers/ballasts communicate with the Lighting Control Panel over the DALI bus while the touchscreen communicates with the Central Manager via ethernet.



## Wiring Diagrams

