

## LIGHTOLIER® CONTROLS

### ITSRP1PU

### IntelliSight® Single Circuit Relay Power Pack (120/277VAC)

**Project:**

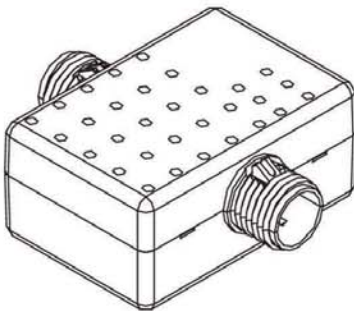
**Location/Type:**

#### Description

The ITRP1PU is a single relay, universal voltage (120/277VAC) 20 Amp power pack for use with IntelliSight ITSCS, ITSCSHB, and ITSPCS sensors.

The IntelliSight® Universal Voltage Relay Power Packs come in 1, 2, and 4 relay configurations and operate with IntelliSight® low-voltage occupancy, and photocell (daylight harvesting) sensors. Each relay power pack is industrial-rated to handle incandescent, as well as all types of ballast loads. Each unit is ETL listed to United States and Canadian safety standards for operation in both 120V and 277V applications.

Each relay power pack employs a high-current relay to operate with occupancy or daylight harvesting applications. When the IntelliSight® occupancy sensors detect motion or the photocell sensors detect an inadequate light level, they communicate with the relay pack to control their loads accordingly. Each IntelliSight® relay power pack supports up to eight sensors.



#### Features

- Energy saving capabilities – lights automatically turn off when the room or space is vacant (occupancy) or prevents the lights from turning on when ambient light is detected (daylight harvesting) or both.
- Simple, user-friendly set up – configuration set-up via IntelliSight® low-voltage occupancy or photocell sensors – no switches to set on relay packs.
- LED indicator – light glows when the unit is operational and blinks when triggered by sensors.
- Plenum-rated construction
- Low-voltage isolation – wiring of this unit requires no additional box.
- Low-voltage wiring is topology free using Belden 8723 stranded two-pair conductor or standard CAT5e stranded cable (or equivalent).
- For occupancy sensor applications (when used with an ITSCS or ITSCSHB Ceiling Occupancy Sensor – sold separately):
  - Mode selection: allows the user to select either an automatic on, or manual on, commands or both.
  - Works with IntelliSight® ceiling-mounted sensors that offer intelligent self-adjustment modes which continuously monitor space and occupancy patterns to self-adjust to the most efficient control of the monitored space.
  - Adjustable time-out period from 1 to 30 minutes via the sensor.
  - User-configurable sensor sensitivity settings to tailor switch to unusual spaces.
  - Energy efficiency and savings resulting from the lights automatically turning off when the space is vacant and the time-out period has elapsed.
- For photocell sensor applications (when used with the ITSPCS Ceiling Photocell Daylighting Sensor – sold separately):

#### Ordering Info

ITSRP1PU IntelliSight® Relay Power Pack, 1 Relay, Universal Voltage  
(120 ~ 277 VAC)

Each for use with (sold separately):

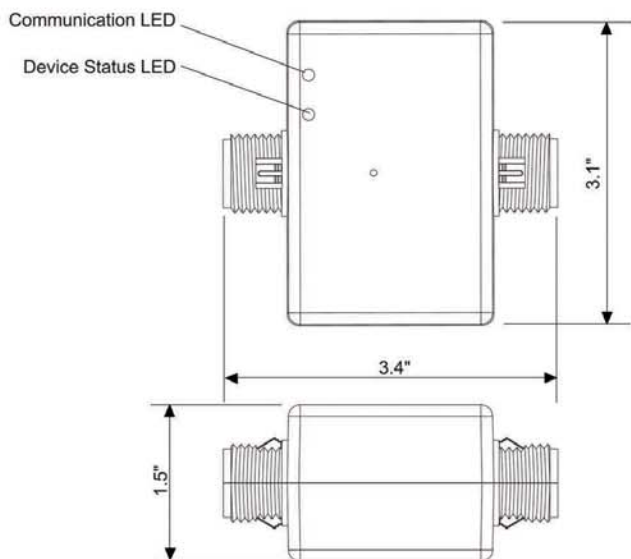
ITSCS IntelliSight® Low-Voltage Ceiling Occupancy Sensor

ITSCSHB IntelliSight® High Bay Low-Voltage Ceiling Occupancy Sensor

ITSPCS IntelliSight® Low-Voltage Ceiling Photocell Daylighting Sensor

(Note, illustrations are not to scale)

## Dimensions

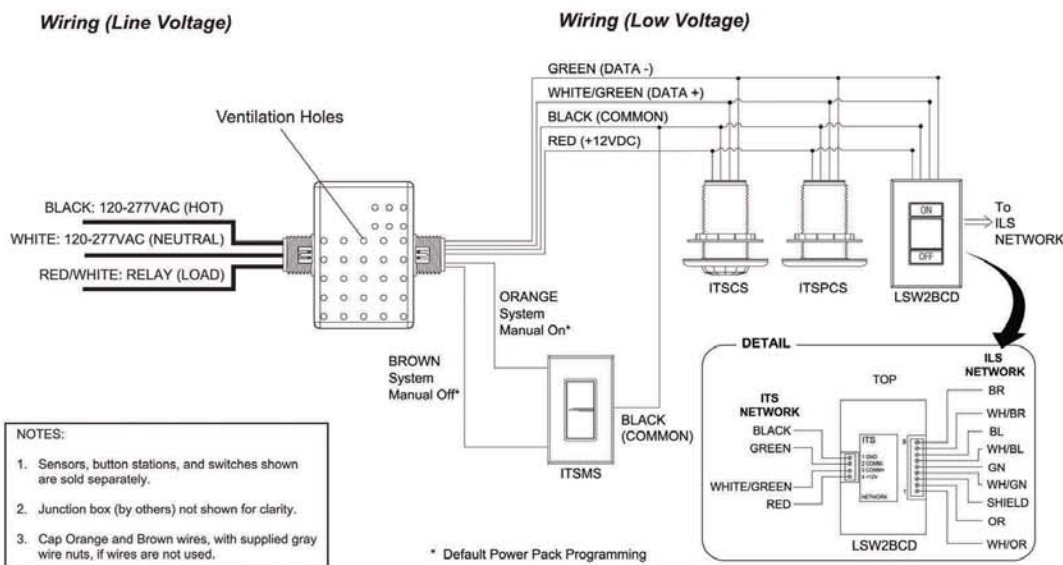


Note: Wiring not shown for clarity.

## Specifications

Operating Input Voltage / Current:	120/277 VAC, 20 - 30 mA
Load Types:	Non-Dim, VA-Rated Loads Only 120VAC: 15 A Tungsten, 20 A Ballast 277VAC: 20 A Ballast
Output (Operating) Voltage:	12 VDC (to power IntelliSight® sensors, button stations, & switches only)
Operating Temperature:	0 to 50° C (10 to 90% Humidity Non-Condensing)
Compliance:	ETL-Listed, UL2043 Plenum Rated, UL-Rated 94V-0 Enclosure

## Wiring Diagrams



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