



INTELLISIGHT® ITSRP1U, ITSRP2U, AND ITSRP4U UNIVERSAL VOLTAGE RELAY POWER PACKS FOR USE WITH INTELLISIGHT® ITSCS/ITSCSHB CEILING OCCUPANCY AND ITSPCS PHOTOCELL SENSORS

Project:

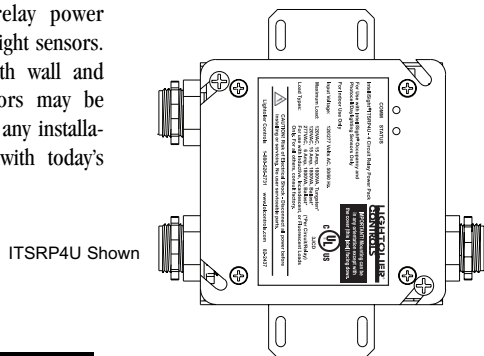
Location/Type:

Description

The IntelliSight® Universal Voltage Relay Power Packs come in 1, 2, and 4 relay configurations and operate with IntelliSight® low-voltage ceiling and wall-mounted 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 UL 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. A combination of both wall and ceiling-mounted sensors may be used to meet virtually any installation and to comply with today's energy initiatives.



ITSRP4U Shown

Ordering Info

ITSRP1U	IntelliSight® Relay Power Pack, 1 Relay, Universal Voltage (120 ~ 277 VAC)
ITSRP2U	IntelliSight® Relay Power Pack, 2 Relay, Universal Voltage (120 ~ 277 VAC)
ITSRP4U	IntelliSight® Relay Power Pack, 4 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
ITSWs	IntelliSight® Low-Voltage Wall Occupancy Sensor
ITSPCS	IntelliSight® Low-Voltage Ceiling Photocell Daylighting Sensor

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.
- Available in three distinct models – 1, 2 or 4 relay configurations.
- LED indicator – light glows when the unit is operational and blinks when triggered by sensors.
- Heavy-duty construction – device is encased in a steel electrical junction box measuring 4" x 4" x 2 1/4" (for the ITSRP1U and ITSRP2U) and 4-11/16" x 4-11/16" x 2-1/4" (for the ITSRP4U).
- 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 and wall-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):
 - Mode selection: allows the user to select and set the ambient light level to turn on loads for aggressive energy conservation.
- California Energy Commission's appliance efficiency regulations - Title 24 compliant for use in commercial and residential applications.

Specifications

Each IntelliSight® Relay Power Pack is UL Listed to United States and Canadian safety standards for 120VAC and 277VAC, 60Hz operation, at a specific rated current (see Electrical / Operation Specifications Section). This unit controls incandescent, quartz halogen, low-voltage, neon, cold-cathode, fluorescent and inductive lighting loads.

The IntelliSight® Relay Power Pack measures 4" x 4" x 2 1/4" (for the ITSRP1U and ITSRP2U) or 4-11/16" x 4-11/16" x 2-1/4" (for the ITSRP4U) in dimension. It is comprised of a steel junction box containing a power relay (or relays) which has been rated by its manufacturer for the unit's full load rating and electrical components. This device can support a combination of up to eight IntelliSight® ceiling and/or wall-mounted occupancy or photocell low-voltage sensors.

This unit has the ability to accept on/off commands from an unlimited number of multi-location IntelliSight® Remotes.

It mounts to an existing junction box by means of a 1/2" nipple (provided).

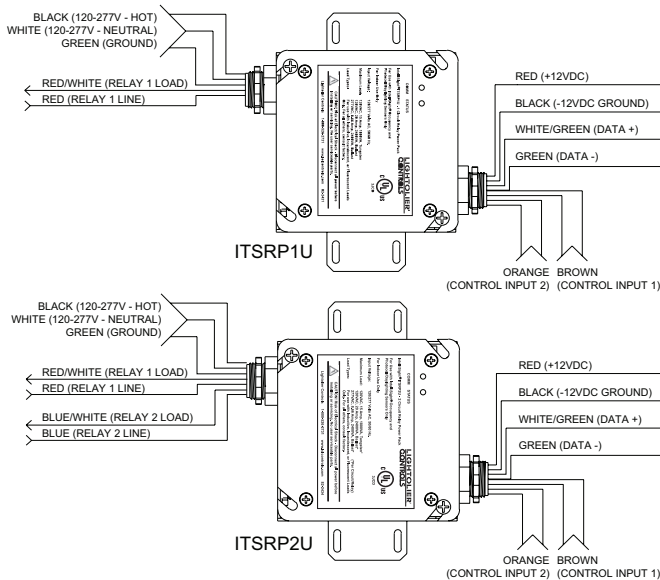
Each IntelliSight® Relay Power Pack accepts user-adjustable programming parameters for time out and auto on, or manual on commands via IntelliSight® low-voltage occupancy sensors.

An LED indicator illuminates for system status.

All IntelliSight® Relay Power Packs, models ITSRP1U, ITSRP2U, and ITSRP4U, include a three-year limited manufacturer's warranty.

This IntelliSight® product meets California Energy Commission's appliance efficiency regulations for Title 24 for use in commercial and residential applications.

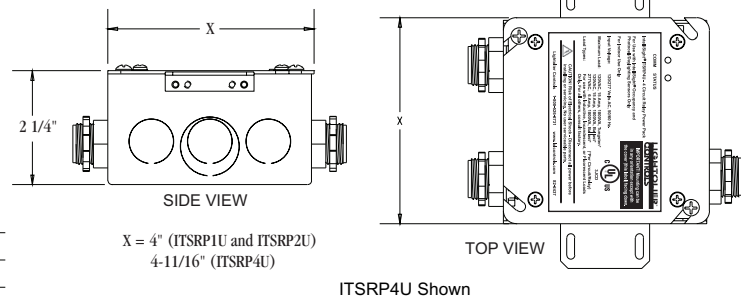
Wiring Diagrams



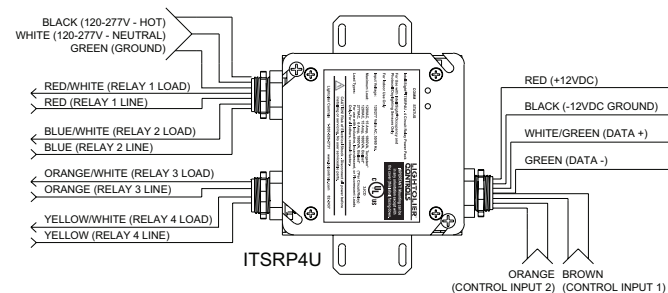
Electrical / Operating Specifications:

AC Input Voltage:	Dual Voltage Input (120V ~ 277 VAC, 60 Hz)			
	• 120 VAC, 60 Hz (108 to 132 VAC)			
	• 277 VAC, 60 Hz (250 to 305 VAC)			
Loads:	Model	Volts	Tungsten	Ballast
	ITSRP1U	120	15A (1800VA)	20A (2400VA)
		277	Not Applicable	20A (5540VA)
	ITSRP2U *	120	15A (1800VA)	20A (2400VA)
		277	Not Applicable	8.66A (2400VA)
	ITSRP4U *	120	15A (1800VA)	15A (1800VA)
		277	Not Applicable	6A (1800VA)
	* = per relay / channel (20A max/pack)			
Isolation:	1600 VAC, 60 Hz			
DC Output Voltage:	+12 VDC, Unregulated			
DC Output Current:	150 mA (max.)			
Operating Temp:	0 to 50 degrees C			
Dimensions:	4" (H) x 4" (W) x 2.25" (D) - ITSRP1U and ITSRP2U			
	4-11/16" (H) x 4-11/16" (W) x 2.25" (D) - ITSRP4U			
Compliance:	UL and cUL Listed			

Dimensions:



NOTE: Control inputs are optically isolated and may be programmed to accept a variety of input protocols, 12 to 24V AC or DC.



Lightolier® Controls
10911 Petal Street
Dallas, Texas 75238



Technical/Sales assistance: 1-800-526-2731
Made in U.S.A. ©2009 Philips Group.
www.lolcontrols.com P/N 87-0636D