

## OVERVIEW

The SensorSwitch™ Power Packs PP5 SSA Series is designed to offer flexible control for commercial and light industrial applications. The PP5 SSA Series of devices provides an all-inclusive wireless solution designed for maximum flexibility to control LED drivers. It consists of a relay, 0-10V dimming sink control, and a low-voltage power supply output to power wireless sensors.

The PP5 SSA Series is capable of switching loads via a latching relay designed with robust inrush protection. The 0-10V interface supports deep dimming controls (< 0.5V), enabling electronic off functionality when the relay is bypassed and supporting drivers with this feature. The DC auxiliary provides a +24VDC low-voltage output to power up to two ceiling-mounted occupancy sensors with photocells.

Need emergency functionality? No problem! The PP5 SSA Series supports a UL924 emergency SKU when applicable to your application.

## FEATURES

- On/Off and dimming control of a luminaire or group of luminaires
- Controls up to 80 mA of 0-10V controlled fixtures together
- Support luminaires with electronic off capabilities (zero light output based on 0-10V diming level)
- 24VDC output to power up to 2 CMS SSA ceiling mount sensor
- Supports app-less pairing
- UL924 option for simplified lighting control on emergency lighting circuits

## Warranty

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice

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## PP5 SSA Power/Relay Pack



## ORDERING INFORMATION

PP5 SSA Family		Example: PP5 SSA ER	
Series	Dimming and Low Voltage Output	Emergency	
PP5 SSA SensorSwitch Powered Relay Pack	D 24V 0-10VDC dimming output (via chase nipple), 24V output terminals  DS 24V 0-10VDC Dimming output (via side leads), 24V Output Terminals	Blank	None
		ER	UL924 Emergency Operation, via power sense leads

## SPECIFICATIONS

### Electrical

<b>Input Voltage</b>	120-277VAC 50/60 HZ
<b>Output Ratings</b>	120VAC, 800W, 6.7A - Tungsten, Standard Ballast, Electronic Ballast 277VAC, 1200W, 4.3A - Tungsten, Standard Ballast, Electronic Ballast
<b>Motor Load</b>	1/2HP
<b>DC Output</b>	24V(supports 2-CMS SSA Devices)
<b>Sink Current</b>	80mA sink (supports up to 40 0-10V luminaires)
<b>Relay Type</b>	Latching

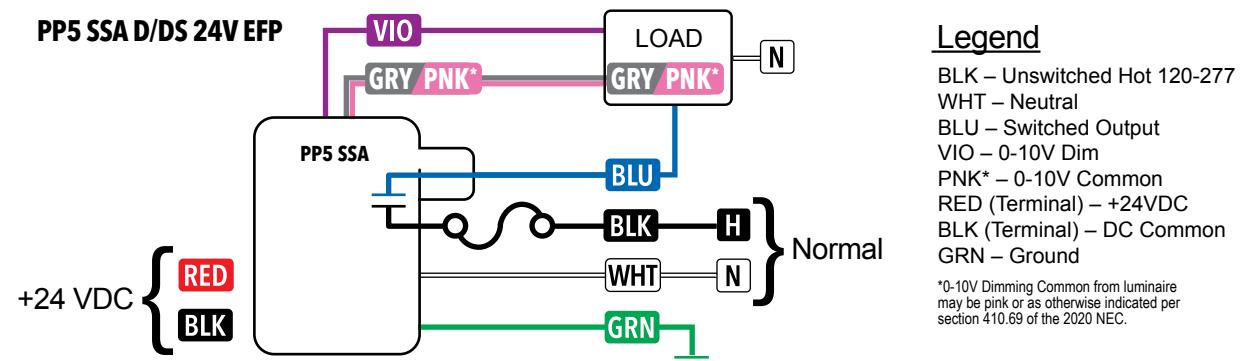
### Mechanical

<b>Size</b>	3.50" x 3.52" x 1.82"
<b>Weight</b>	6 oz
<b>Mounting</b>	1/2" Knockout
<b>Stranded Wire Gauge</b>	Line and Load, 12 AWG 0-10V, 20 AWG Neutral, Ground and Power Sense (ER version), 18 AWG

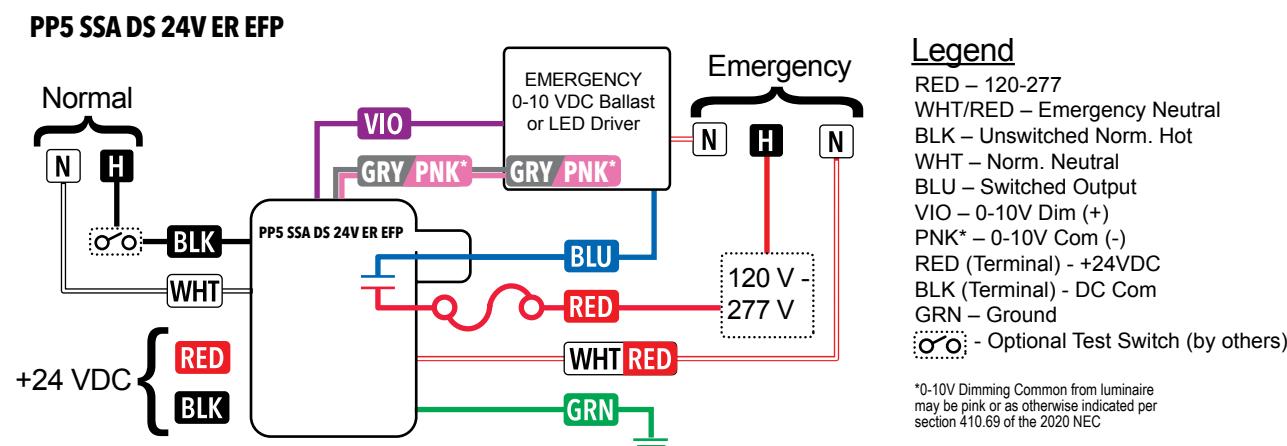
### Environmental

<b>Temperature</b>	-10°C - 50°C
<b>Humidity</b>	5 to 90% non-condensing
<b>Regulatory</b>	FCC ID: 2ADCB-BMODIT IC: 6715C-BMODIT cULus

## WIRING (Do not wire hot)



## WIRING FOR EMERGENCY (-ER) UNITS



## UL924 Sequence of Operation:

### When normal power sense leads have absence of voltage

- Relay is closed and 0-10V dimming is at high end trim level
- Device ignores wireless lighting control commands