

## OVERVIEW

Power packs are the heart of the low voltage sensor system. A PP16X EFP Series power pack transforms Class 1 line voltage (347 VAC) to Class 2 15 VDC for powering up to 19 Sensor Switch™ low-voltage sensors. The PP16X EFP is capable of switching lighting loads on and off using its internal latching relay, designed with robust protection from the harsh switching requirements of LED drivers and fluorescent electronic ballasts. Class 2 wire leads connect to 18 to 22 AWG low voltage cable running to the sensors, making installation easy and clean. The PP16X EFP Power Pack also has an elongated chase nipple that allows it to be mounted either directly through a ½ inch knockout into a junction box, or inside an adjacent box for meeting specific local code requirements in ceiling plenums.

## FEATURES

- Powers up to 19 Low Voltage Sensors
- Self-Contained Relay(s) Switch Line Voltage Loads
- Plenum Rated
- Includes fuse integrated to relay wirelead for protection from load faults
- Meets NEMA410 ratings for LED/electronic ballast inrush

## Warranty

5-year limited warranty. Complete warranty terms located at:

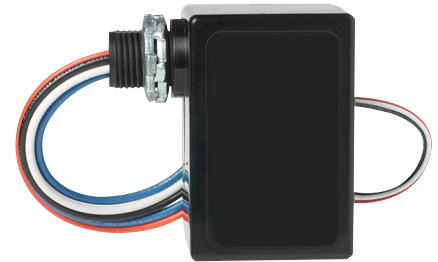
[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

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

Specifications subject to change without notice.



## PP16X EFP Power Pack



## ORDERING INFORMATION

PP16X EFP		Example: PP16X EFP 347	
Series	Circuit Protection	Voltage	Temperature/Humidity
PP16X Power Pack	EFP External Fault Protection	347 347 VAC	[blank] Standard LT Low Temp/High Humidity

### Accessories

nPP Fuse REPL J10 Replacement Fuse

## SPECIFICATIONS

### Electrical

**Input Ratings** 347 VAC, 50/60 Hz

**Output Ratings** 347VAC, 50/60 Hz, 16A electronic ballast  
347VAC, 50/60 Hz, 16A standard ballast, tungsten, general purpose  
50/60 Hz, 1/2 HP Motor Load  
SCCR: 5 kA

**Relay Type** Latching

**Low Voltage Output Ratings** 15VDC, 150 mA

**Standards/ Ratings** Energy Management Equipment, UL916 (E167435)

### Mechanical

**Dimensions** (not including 1/2" chase nipple) 3.38" H x 2.50" W x 1.83" D

**Mounting** 1/2" Knockout (7/8" hole)

**Weight** 6 oz

**Color** Black

### Environmental

**Warrantied Operating Temperature** Standard: 14° to 122° F (-10° to 50° C)  
LT Option: -4° to 122° F (-20° to 50° C)

**Relative Humidity** Up to 90%, Non-Condensing

**Standards/ Ratings** RoHS, Plenum UL2043

## WIRING

The Power Pack must be connected to a single phase Hot and Neutral System. Connect the Red to Hot (347VAC), and the White to Neutral. Low Voltage wire can be 18 to 22 AWG; shielding is not necessary. For Supply Connections, use 12 AWG or larger wires rated for at least 90° C.

