

OVERVIEW

As the name suggests, the PS 150 power supply contributes power to nLight devices such as the Gateway and Bridge. Wiring to terminal connections on those devices, the PS 150 generates up to 150mA of power at 15 VDC. For simplifying installation, the PS 150 has an elongated chase nipple. This feature allows it to be attached either directly through a 1/2" knockout into a junction box, or inside an adjacent box for meeting specific local code requirements in ceiling plenums. The PS 150 can also be used to power standard low voltage sensors such as the CM ADC.

FEATURES

- Provides bridge power via terminal connections
- Extended chase nipple
- Plenum rated

Buy American

BAA variants of this product are assembled in the USA and meet the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to www.acuitybrands.com/buy-american for additional information.

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/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



PS 150

Standard Power Supply: 150mA



ORDERING INFORMATION

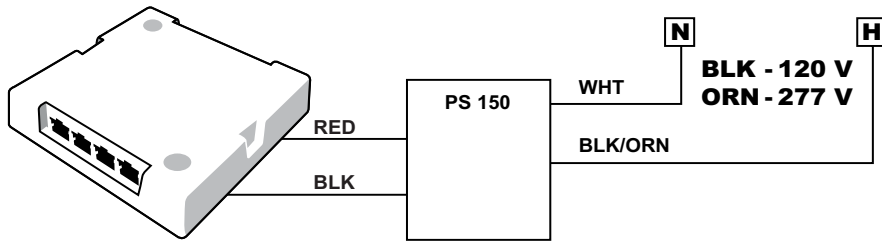
| PS 150 | | Example: PS 150 LT | |
|--------------------------|--|--|--|
| Series | Voltage | Temp/Humidity | Buy America(n) ¹ |
| PS 150 Power supply | [blank] 120/277 VAC 347 120/347 VAC | [blank] Standard LT Low temp | [blank] Standard BAA Buy America(n) Act Compliant |

Notes:

1. Not available with 347 or LT

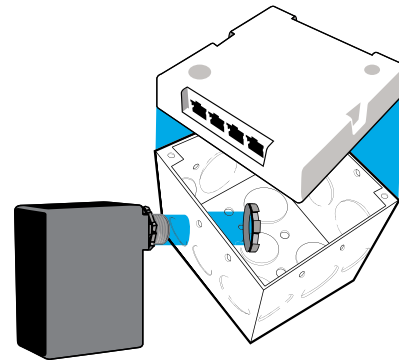
WIRING (DO NOT WIRE HOT)

Use the 18 AWG black wire if connecting to 120 VAC. Use the 18 AWG orange wire if connecting to 277 VAC. 347 VAC units will have a red input wire instead of the orange wire.



INSTALLATION

- Mount to any junction box through a 1/2" knockout (note: chase nipple is long enough to accommodate mounting inside an adjacent box if necessary)
- When used to power an nLight Bridge, mount both units to same 4" x 4" square box (see diagram on right)
- Connect Class 1 wires to line voltage feed
- Connect Class 2 low voltage wires to Bridge's terminal connectors



SPECIFICATIONS

Electrical

Input Ratings 120/277VAC, 50/60 Hz
120/347VAC, 50/60 Hz (with 347 option)

Low Voltage Output Ratings 15VDC, 150mA

Standards/ Ratings Energy Management Equipment, UL916 (E167435)

Mechanical

Dimensions 3.00"H x 2.25"W x 1.88"D (76mm x 57mm x 48mm) - does not include 1/2" chase nipple

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

Color Black

Connection Type Line and Low Voltage Leads

Environmental

Warrantied Operating Temperature 14°F to 122°F (-10°C to 50°C)

Relative Humidity Up to 90%, Non-Condensing

Standards/ Ratings RoHS, Plenum UL2043