AcuityControls™

nLight®

OVERVIEW

The nLight **nPP20 PL** power pack extends the power pack family, delivering robust system performance and design versatility for commercial and industrial control applications. The **nPP20 PL** is capable of switching loads up to 20 Amps for general purpose receptacle load via an internal latching relay designed with robust protection. This power pack also has two available options – the base unit powers off of line voltage, but does not provide nLight bus power. An option is available for a unit that provides bus power – this option (**BP**) provides up to 40mA from each of its two RJ-45 ports by transforming Class 1 line voltage (120 VAC) to Class 2 low voltage (15 VDC). This power is typically utilized by other nLight devices within the power pack's local control zone; however, remaining power is also made available over the network for Bridges and devices in other zones to utilize. Simply add this device into an nLight control zone with an occupancy sensor and the unit will automatically switch off when the room becomes vacant. Local manual switch and photocell control of receptacles is not typically required, therefore it is disabled by default.

The **nPP20 PL**'s two RJ-45 connectors make control wiring with standard CAT5e cabling easy and clean. For simplifying installation, the **nPP20 PL** is designed with an elongated chase nipple that allows them to be attached directly through a ½" knockout into a junction box.

nPP20 PL

Plug Load Control Power Pack

FEATURES

- Communicates w/ nLight Network
- Self-Contained Relay Switches Line Voltage Load
- **BP** Option Supplies 40mA of Bus Power / RJ-45 port
- Remotely Configurable/Upgradeable
- Push-Button Programmable
- Configurable Relay Logic
- Extended Chase Nipple

SPECIFICATIONS

Size:	(not including ½" chase nipple) 3.38" H x 2.53" W x 1.83" D (8.59 cm x 6.43 cm x 4.65 cm)
Weight:	6 oz
Mounting:	1/2" Knockout
Color:	Blue
nLight Network Ports:	2 RJ-45
Operating Voltage:	120VAC
Max Receptacle Load:	20A @ 120VAC - General Purpose per UL testing
Relay Type:	Latching
Frequency:	50/60Hz

Bus Output Current/Voltage: (**BP** option only) 40mA / port @ 15VDC

ROHS Compliant, Title 24 System Component

Warranty

Five-year limited warranty. 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.
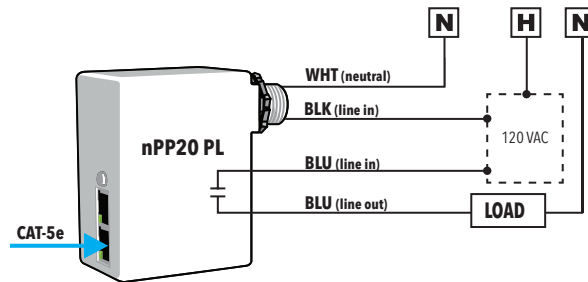
Specifications subject to change without notice.

UL LISTED

ORDERING INFORMATION

nPP20 PL			Example: nPP20 PL BP
Series	**Options**		**Temp/ Humidity**
nPP20 PL Plug Load Control Power Pack	[blank] Self-powers only BP Provides nLight bus power		[blank] Standard LT Low Temp

WIRING (DO NOT WIRE HOT)

T568B pin/pair assignment is recommended for all CAT-5e cables. For Supply Connections, use 14 AWG/90°C, 12 AWG/75°C or larger.

GENERAL INSTALLATION INSTRUCTIONS

- Mount through a ½" knockout in any junction box or luminaire. Secure with lock nut.
- Following above wiring diagram, connect wires to line voltage feed(s), neutral(s), and load.
- Interconnect unit (via RJ-45 ports) with other nLight devices in lighting zone using CAT-5e cables.

nPP20 PL - 911-00104-001