Wireless Load Control Devices

LU04P   LU107   LU20S

* Depending on manufacture date, pink wire may be gray

Description

Leviton Wireless Load Control Devices offers three models for 0-10V dimming, phase cut dimming and general purpose switching control including receptacle circuit control. The load control devices wirelessly communicate via a mesh network to a Lumina RF Wireless Keypad Room Controller. Requires use with Lumina™ RF Wireless Keypad Room Controllers.

Wireless 800W Phase Cut Dimming Power Pack (LU04P) allows for dimming of full phase loads

Wireless 10A 0-10V Dimming Power Pack (LU107) can be used to dim any 0-10V controlled load
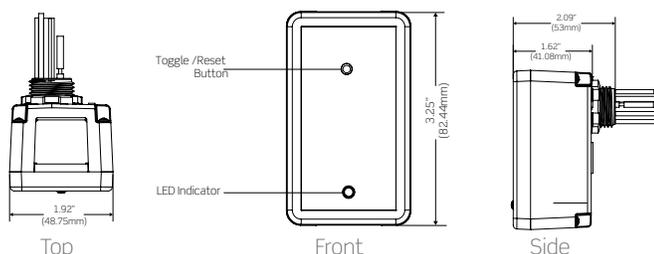
Wireless 20A ON/OFF Switching Power Pack (LU20S) is an ON/OFF relay that can be used for plug load control, motor loads, or non-dimming luminaires

All three load control devices are paired directly to a Lumina RF Wireless Room Controller for an advanced wireless lighting and room control system.

Features

- Wireless mesh network—self-healing mesh network has no hardwired backbone and connects all products together for a more robust and reliable wireless system
- Robust and reliable—mechanically held latching relay for high inrush (LED) and large commercial loads
- Compatible with multiple load types—LED, HID, inductive, fluorescent, etc.
- Integrated High Inrush Stability (H.I.S.) relay—designed to handle today's high inrush electronic ballast loads and offer unmatched durability and service
- LED status indicators
- Local toggle/test/program switch
- Complies with IEEE 802.15.4 standards —for domestic and international wireless networks
- Code compliant energy management functionality— can be used as a component in a system to meet energy code requirements for IECC, ASHRAE 90.1, and 2022 Title 24, Part 6 space/area control, dimming, manual-ON/OFF, occupancy/vacancy control and automatic shutoff requirements
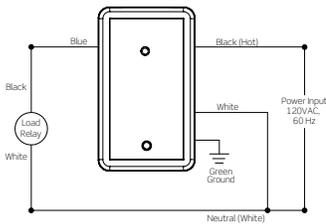
Dimensions

Toggle /Reset Button

LED Indicator

3.25" (82.44mm)

1.92" (48.75mm)

2.09" (53mm)

1.62" (41.08mm)

Top   Front   Side

Leviton Manufacturing Co., Inc. Lighting & Controls
10385 SW Avery Street, Tualatin, OR 97062 **tel** 800-736-6682 **tech line** (6:00AM-4:00PM PT Mon-Fri) 800-959-6004

Product Data
LUxx

Wiring Diagram

LU04P Phase Cut Dimming
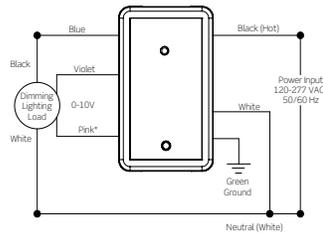
LU107 0-10V Dimming
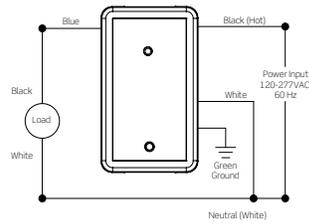
* Depending on manufacture date, pink wire may be gray

LU20S Switching

Specifications

Electrical	LU04P-1NW	LU107-DNW	LU20S-DNW
Communication Frequency	2.4 GHz		
Range	Up to 75' between wireless devices		
Load Rating			
Input	120V, 60Hz	120-277V, 50/60Hz	120-277VAC, 50/60Hz
Output	Incandescent: 800W LED/CFL/Elec. Ballast: 360W Mark X: 800VA MLV: 800VA	LED/CFL/Elec. Ballast: 120V, 8A LED/CFL/Elec. Ballast: 277V, 5A, 1385VA Standard Ballast: 120-277V, 10A Tungsten: 120V, 6.67A 120V 1/4 HP Motor (FLA 5.8A) 277V 1/3 HP Motor (FLA 3.0A)	General Purpose: 120V, 20A LED/CFL/Elec. Ballast: 120V, 10A, 1200VA LED/CFL/Elec. Ballast: 277V, 10A, 277VA Standard Ballast: 120-277V, 10A Tungsten: 120V, 6.67A 120V 1/4 HP Motor (F LA 5.8A) 277V 1/3 HP Motor (FLA 3.0A)

Environment			
Operating Temperature	30 to 122° F (0 to 50°C)		

Other			
Energy Codes	Can be used as a component in a system to meet energy code requirements for IECC, ASHRAE 90.1, and 2022 Title 24, Part 6 space/area control, dimming, manual-ON/OFF, occupancy/vacancy control and automatic shutoff requirements		
Listings	FCC ID: W7Z-ZICM357SP0 IC: 8254A-ZICM357SP0 UL Listed; NOM Certified	FCC ID: QGH-B167601 IC: 2473A-B167601 UL Listed; NOM Certified	FCC ID: QGH-B167602 IC: 2473A-B167602 UL Listed; NOM Certified
Dimensions	3.2" (82.44mm), 1.92" (48.75mm), 2.09" (53mm)		
Warranty	5-Year		

Ordering Information

Wireless Load Control Devices	
Cat. No.	**Description**
LU04P-1NW	Wireless 800W Phase Cut Dimming Power Pack
LU107-DNW	Wireless 10A 0-10V Dimming Power Pack
LU20S-DNW	Wireless 20A ON/OFF Switching Power Pack