LI legrand®

NOTE: Items sold separately

Wireless Plug Load Control Driven by Simplicity and Efficiency

RFP, RF26252CH, RF26352CHCD

Plug Load Control requirements are being driven by expanded codes and standards with the common goal of energy efficiency in mind. These requirements can often pose challenges when laying out a building, constructing electrical systems, and identifying controlled receptacles. Legrand's suite of Plug Load Control solutions is designed with simplicity in mind, and helps to make plug load control requirements easy to understand, navigate, and implement.

Plug load control can be easily achieved by installing the Legrand RF Receptacle into the branch wiring system and tying the low voltage RF Signal Pack into an occupancy sensor and 24Vdc power pack (BZ200). The two are bound by a reliable wireless, RF connection. The RF Receptacle features an internal relay to switch the plug load on/off according to the sensor's command. The receptacle's feed-thru capability offers a simple and efficient means for energy savings and code compliance.

Features & Benefits

Receptacle compliant with
2023 NEC, CA Title 24, and ASHRAE 90.1.

Product meets requirements of UL498B:
Receptacles with integral switching means.

Binding button on face
also serves as a manual override.

Simple, three-step binding process
for wireless communication with RF Signal Pack.

Corrosion-resistant, plated steel strap
locked into face and back body to resist pulling away from face/body assembly.

RF26352CDW

Feed-thru capability
allows for downstream control of multiple receptacles.

.032 inch think, brass, triple-wipe power contacts
for lasting retention.

LED Indicator Light
on the receptacle guides binding process and indicates power to the receptacle.

Permanently molded face
offers clear identification of controlled receptacle for end users.

Auto-ground
eliminates the necessity to terminate grounding conductor in device

3rd Party Compliance

RF Receptacles:
cULus Listed, UL Fed Spec ListedComplies with test requirements UL 498, UL 1310, Fed Spec WC596, CSA C22.2 No. 42, CSA C22.2 No. 223CA Title 24, and ASHRAE Energy Effciency Standard 90.1.2021 International Energy Conversation Code (IECC),2023 NEC, Part 6: Building Energy Efficiency Standards
RF Signal Pack:
Transmitter in compliance with Part 15 of FCC Rules, Class B
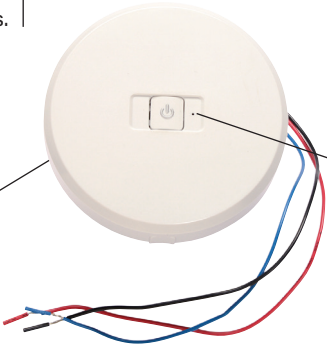Tested to UL 244A

Features & Benefits

One RF Signal Pack
can bind to up to 16 RF Receptacles for convenient new and retrofit solutions.

Communication range
of 30 feet in worst-case environment; up to 150 feet in ideal environment

Low profile design
allows device to blend seamlessly into any décor

Push-in locking tabs allow for convenient rotation
after installation to improve RF communication.
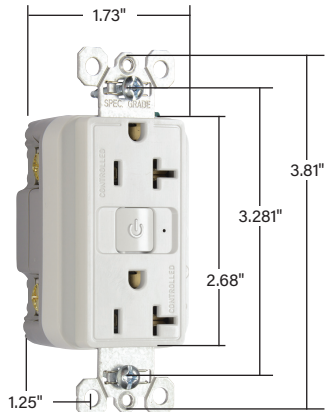
RFP

Operates in a quiet 915 MHz band.

Compliant with Part 15 of the FCC Rules.

LED Indicator Light
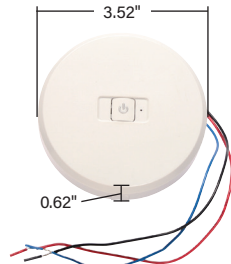on the signal pack guides the binding process.

Two mounting options (Acoustic Tile Mounting and Keyhole Mounting)
offer productive solutions for fast, convenient installation.

Technical Specifications

Performance

Electrical

Dielectric Withstand Voltage	Withstands 1500V minimum
Maximum Working Voltage	125V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C at maximum-rated current
Input Voltage (RFP)	24Vdc from occupancy sensor's power pack
Input Current (RFP)	<40mA when transmitting; <1mA average

Mechanical

Terminal Identification	Terminal identification in accordance with UL498 (brass, white, green)
Terminal Accommodation	#14 AWG - #10 AWG copper conductor only
Product Identification	Ratings are a permanent part of device

Wireless

Communication Range	30 feet obstructed; up to 150 feet clear line of sight
Communication Channel	Operates on a quiet 915 MHz FCC band

Environmental

Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

1.73"
3.81"
3.281"
2.68"
1.25"

Dimensions for 15 & 20 Amp

3.52"
0.62"

Dimensions for Signal Pack

Material Specs

RF Receptacles:
Cover: Polycarbonate
Back Body: Polycarbonate
Mounting Strap: 0.042" Zinc-plated steel
Line Terminals: 0.031" 260 Brass
Back-wire Pressure Plate: 0.065" Steel
Auto-Ground Clip: Plated steel
Terminal Screws: Tri-Drive Plated steel #8-32
Hex-Head Grounding Screw: Tri-Drive Steel
Binding Button: Polycarbonate
LED: Green / Amber

RF Signal Pack:
Enclosure Material: Polycarbonate
Mounting: Mounting hardware for acoustic ceiling tile and keyhole mounting template included

Warranty
1 Year

Ordering Information

Half-Controlled Receptacles

Catalog Number	Ratings	Color	NEMA Config.
RF26252CH	15A, 125V	Brown	5-15R
RF26252CHI	15A, 125V	Ivory	5-15R
RF26252CHW	15A, 125V	White	5-15R
RF26252CHGRY	15A, 125V	Gray	5-15R
RF26252CHLA	15A, 125V	Light Almond	5-15R
RF26252CHBK	15A, 125V	Black	5-15R
RF26252CHRED	15A, 125V	Red	5-15R
RF26352CH	20A, 125V	Brown	5-20R
RF26352CHI	20A, 125V	Ivory	5-20R
RF26352CHW	20A, 125V	White	5-20R
RF26352CHGRY	20A, 125V	Gray	5-20R
RF26352CHLA	20A, 125V	Light Almond	5-20R
RF26352CHBK	20A, 125V	Black	5-20R
RF26252CHRED	20A, 125V	Red	5-20R

Dual-Controlled Receptacles

Catalog Number	Ratings	Color	NEMA Config.
RF26252CD	15A, 125V	Brown	5-15R
RF26252CDI	15A, 125V	Ivory	5-15R
RF26252CDW	15A, 125V	White	5-15R
RF26252CDGRY	15A, 125V	Gray	5-15R
RF26252CDLA	15A, 125V	Light Almond	5-15R
RF26252CDBK	15A, 125V	Black	5-15R
RF26252CDRED	15A, 125V	Red	5-15R
RF26352CD	20A, 125V	Brown	5-20R
RF26352CDI	20A, 125V	Ivory	5-20R
RF26352CDW	20A, 125V	White	5-20R
RF26352CDGRY	20A, 125V	Gray	5-20R
RF26352CDLA	20A, 125V	Light Almond	5-20R
RF26352CDBK	20A, 125V	Black	5-20R
RF26352CDRED	20A, 125V	Red	5-20R

RF Signal Pack

Catalog Number	Ratings	Color	NEMA Config.
RFP	N/A	White	N/A
RFPRSBK	N/A	Black	N/A

Power Pack

Catalog Number	Ratings	Color	NEMA Config.
BZ200	20A, 120/277V (input) 24Vdc / 225mA (output)	White	N/A

For more information on these and other P&S products refer to our Catalog or visit our web site.

Receptacle Wiring Diagram
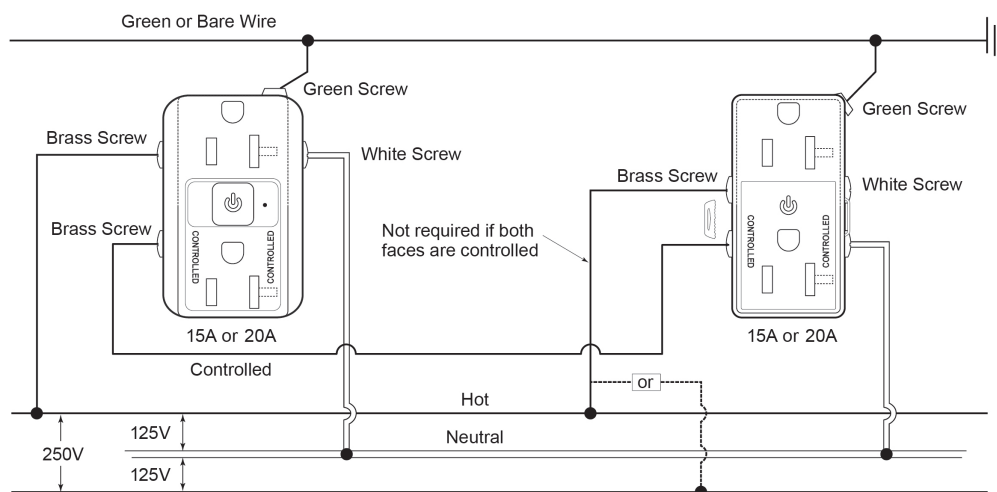
Plug Load RF Receptacle & Signal Pack Wiring Diagram

White (NEUTRAL)

Red (LINE)

N | White
Hot | Black

POWER PACK

Red (LOAD)

Lighting Load

Optional Switch to Control Lighting Load Only

16 Receptacles Per RF Signal Pack Max

RF

Control Output 24VDC (BLU)

Common (BLK)

+24VDC (RED)

10 Sensors Per PWP Power Pack Max

Control Input 24VDC (BLU)

Common (BLK)

+24VDC (RED)

RF

16 Receptacles Per RF Signal Pack Max

RF
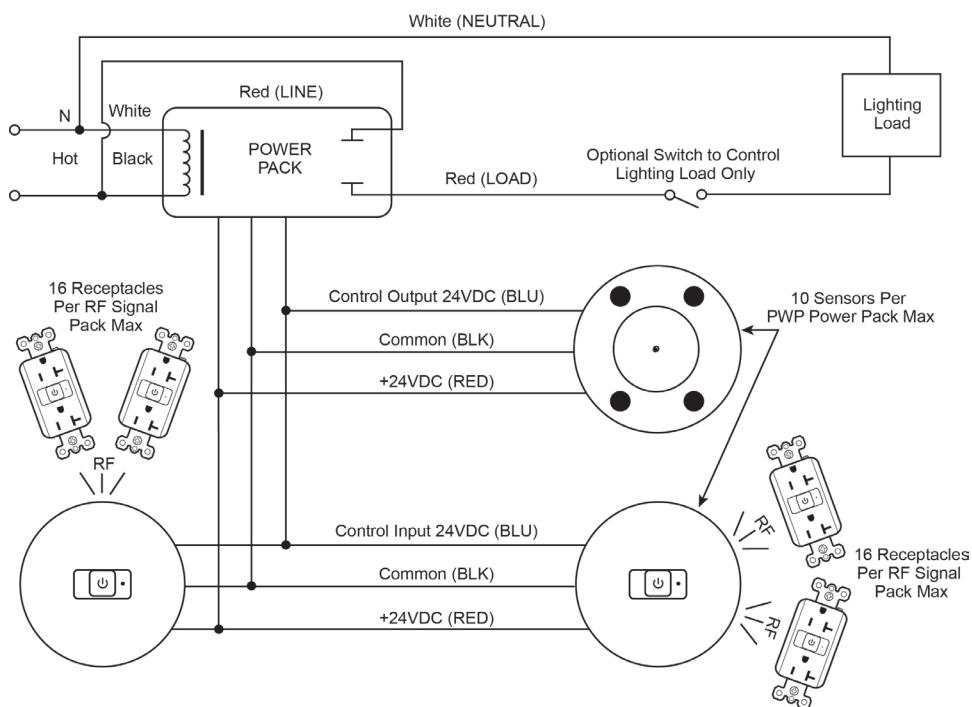
Vertical Markets

- Commercial Office
- Education
- Hospitality/Lodging
- Retail

Also available

- **Hospital Grade Devices**
- **TVSS & Isolated Ground Devices**

- **Ground Continuity Monitoring (GCM)**
- **Straight Blade Plugs & Connectors**

- **Turnlok® Locking Devices**
- **Weatherproof Boxes & Covers**

- **IEC 309 Industrial Products**
- **Flexcor® Wire Mesh Grips**
- **Bulk Solutions**

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