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 (PWP120277). 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.

**FEATURIES & BENEFITS**

- **Receptacle compliant with** 2014 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.
- **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.

**FIELD USES/VERTICAL MARKETS**

- Commercial Office
- Education
- Hospitality/Lodging
- Retail

SF20178 — March 2015 — For latest specs visit www.legrand.us/passandseymour
PASS & SEYMOUR®
Plug Load RF Receptacle/
Plug Load RF Signal Pack

FEATURES & BENEFITS

Operation in a quiet 915 MHz band.
Compliant with Part 15 of the FCC Rules.

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

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

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.

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

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

FEATURES & BENEFITS

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

TECHNICAL INFORMATION

PART # | 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
RF26252CHGR | 15A, 125V | Green | 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
RF26352CHGR | 20A, 125V | Green | 5-20R

PART # | 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
RF26252CDGR | 15A, 125V | Green | 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
RF26352CDGR | 20A, 125V | Green | 5-20R

RF Signal Pack

PART # | RATINGS | COLOR | NEMA CONFIG.
--- | --- | --- | ---
RFP | N/A | White | N/A

Power Pack

PART # | RATINGS | COLOR | NEMA CONFIG.
--- | --- | --- | ---
PWP120277 | 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.

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### 3rd Party Compliance

**RF Receptacles:**
- UL listed to Standards: 498B, 498, 244A, Fed Spec WC-596
- CSA C22.2 No. 42
- Conforms to NEMA WD-1 and WD-6; Title 24 Compliant
- RF Signal Pack:
  - Transmitter in compliance with Part 15 of FCC Rules, Class B
  - Tested to UL 244A

**RF Signal Pack:**
- Transmitter in compliance with Part 15 of FCC Rules, Class B
- Tested to UL 244A

### Performance

**Electrical**
- Dielectric Voltage: Withstands 2000V 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 permanent part of the 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

### 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
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