

LevNet RF™ 902 MHz Wireless Controlled Receptacle Receivers

For use with LevNet RF 902 MHz Products



WSG15-D9W

WSG15-S9W

DESCRIPTION

The LevNet RF™ 902 MHz Wireless Controlled Receptacle Receivers work in conjunction with EnOcean-enabled 902 MHz energy harvesting wireless lighting control products and offers exceptional reliability with minimal interference. These wireless products combine Leviton's switching technology with self-powered and wireless technologies, developed and licensed from EnOcean®.

The LevNet RF control system offers scalable, easy-to-install, remote control of appliances and lighting as well as one-button scene lighting control to create the perfect ambiance.

BASIC OPERATION

The LevNet RF 902 MHz Receptacle Receivers can be installed in place of traditional wall receptacles. No additional wiring is required. The receptacles are compatible with lamps, appliances and electronic loads. The LevNet RF Receptacle Receivers respond to signals from EnOcean enabled devices such as a rocker switch, toggle switch or occupancy sensor. Models include a duplex outlet design with either 1 or 2 controlled receptacles to provide local and remote ON/OFF switching of the lighting load.

MODELS

- LevNet RF Split Duplex TR Receptacle
 - Top: Controlled
 - Bottom: Continuously ON
- LevNet RF Duplex Receptacle
 - Top & Bottom: Controlled

FEATURES

- Controlled side can be used for wireless ON/OFF control of plugged-in electrical loads up to 15 amps such as lamps, appliances and electronics
- Tamper-resistant (TR) receptacle
- TR symbol on receptacle strap assures that it meets the 2008 NEC code requirement
- Shutter mechanism inside the TR receptacle blocks access to the contacts unless a two-prong plug is inserted, helping ensure hairpins, keys, etc. will be locked out
- Visual LED indicators for signal strength
 - Red: Indicates LOW signal strength (-83dB or less)
 - Amber: Indicates MEDIUM signal strength (-65dB to -82dB)
 - Green: Indicates GOOD signal strength (-65dB and above)
- Superior versatility provides several product options in one box—3 changeable faceplates and single pole switch capability are included
- Responds to LevNet RF transmitters as well as EnOcean certified transmitters from other manufacturers
- ON/OFF scene control capability
- Local and remote ON/OFF control of connected loads
- Transient surge protection to IEC Level 3



SPECIFICATIONS

ELECTRICAL	
Range	50-150'
Frequency	902 MHz
Memory	Stores up to 20 transmitter IDs
Power Consumption	120VAC @ 10mA AC (320mW typical)
Modulation Type	FSK (Frequency Shift Keying)
Addressing	Factory set unique ID (1 of 4 billion)
Antenna	902.875 MHz, 6.4cm whip antenna
ENVIRONMENTAL	
Relative Humidity	5-95% (non-condensing)
Operating Temperature	32 to 122°F (0 to 50°C)
OTHER	
Terminations	3 screw terminals for line, neutral and ground
Listings	Complies with FCC Part 15, Class C; Meets energy control requirements for Title 24 and ASHRAE Standard 90.1; EnOcean Certified Switch TR Receptacle: UL224A; CSA C22.2 No. 14-10; UL498, UL File Number E66800
Radio Certification	FCC Certified for Wireless Communication (U.S.), I.C. Certified (Canada) FCC ID: SZV-STM300U IC: 5713A-STM300U
Rating	WSG15-S9W: Controlled Side: 1800W, 1800VA (15A), 1/2HP, 120V, 50/60 Hz Receptacle: NEMA 5-15R WSG15-D9W: Controlled Side: 1800W, 1800VA (15A), 1/2HP, 120VAC 50/60 Hz
Warranty	Five-Year Limited Warranty

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
WSG15-S9W*	LevNet RF 902 MHz Split Duplex TR Receptacle Receiver, top controlled
WSG15-D9W*	LevNet RF 902 MHz Duplex Receptacle Receiver, dual controlled

* Includes White, Ivory, and Light Almond Color Change Kit faceplates.