

## ENOCEAN WIRELESS PLUG-IN RELAY RECEIVER AND DIMMER E9X-X12GP

### DESCRIPTION

The wirelessly controlled **ILLUMRA Plug-in Relay Receiver model E9X-X12GP** responds to self-powered wireless light switches and other **ILLUMRA** transmitters to provide ON/OFF control of lights and other plug-in devices. The receiver may also respond to signals from wireless occupancy sensors to provide automatic control of electrical loads. The easy-to-install Plug-in Dimmer/Relay Receiver provides dimming and relay (on/off) control of lamps and other devices.

### FEATURES

- **Plugs into any 120V outlet**
- **Fast, simple programming**
- **Requires no switch-leg wires**
- **DIM or ON/OFF control of lights**



E9X-R12GP



### SPECIFICATIONS

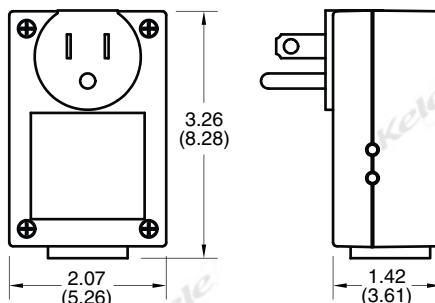
#### DEVICE OPERATION

Supply Power	120VAC from 3 prong plug
Sensor Type	Input from up to 30 switch IDs
Transmitted Range Value	Unit used as an EnOcean repeater
Outputs	Output from 3 prong receptacle
E9X-R12GP	Control output supplied from receptacle power
General	6A
Ballast	3A
Tungsten	500W
E9X-R12GP-Z	Control output supplied from receptacle power
General	15A, Hot line switch, SPST
Ballast	15A, Hot line switch, SPST
Tungsten	1800W, Hot line switch, SPST
Motor	1/2 HP, Hot line switch, SPST
Accuracy	Digital On/Off
Controls	2 buttons through hole (Learn, Clear)
Mounting	3 prong cube plug into 120VAC receptacle
Wiring	Receptacle with 3 prong plug
Operating Temperature	-13° to 122°F (-25° to 50°C)
Operating Humidity	0-95% RH non-condensing
Enclosure Rating	NEMA 1, Plastic
Mounting	Plug in
Dimensions	2.07"W x 3.26"H x 1.42"D (8.2 x 5.3 x 3.6 cm)
Weight	0.5 lbs (0.23 Kg)
Approvals	ET, CSAc22.2#14-05 (Canada); FCC, IC, FCC, RoHS
Warranty	3 years

#### RADIO

Protocol	EnOcean
Frequency	902 MHz (Classic 315 MHz available on request)
Modulation	Direct Sequence Spread Spectrum (DSSS)
Transmit Power	10 mW (10 dBm), if used as a repeater
Receiver Sensitivity	-102 dB
Open Air Range	50-150' (45m)
Update Interval	Continuous reception to each transmission
Antenna	Internal
Channels	One
Device Addresses	100 transmissions per minute
Programming	Push button in field
EnOcean Equipment Profile	EEP #, Defines payload and control sequence use
Light Switches	F6-02-01, F6-02-02, F6-03-01, F6-03-02
Key Card Switch	F6-02-01, F6-02-02, F6-04-01
SLT Wireless Sensor	F6-02-01, F6-02-02
Occupancy Sensors	A5-07-01, A5-07-02, A5-07-03
Door/Window Sensor	D5-00-01, A5-30-01
Light Sensor	A5-06-01, A5-06-02
Central Commands	A5-38-08
Repeater Capable	Yes
Compliance	RoHS, CE, UL244A, CSAc22.2#14-05
900 MHz	FCC ID# SZV-TCM2XXU, IC# 5713A-TCM2XXU
315 MHz	FCC ID# SZV-TCM2XXC, IC# 5713A-TCM2XXC

### DIMENSIONS



### ORDERING INFORMATION

#### MODEL<sup>†</sup>

**E9X-R12GP**  
**E9X-R12GP-Z**

#### DESCRIPTION

Plug-in relay, 120 VAC, 500W, 3A ballast, 6A general 50/60 Hz, 902 MHz  
Plug-in/receptacle relay transceiver/repeater, 120VAC, 1500W, 15A ballast, 6A general 50/60 Hz, 902 MHz

<sup>†</sup> Add -315 for 315 MHz at the end of the part number to order.