3-Wire Relay Receiver

315Mhz Receivers
E3X-R12-3HOTP (120 VAC)
E3X-R24-3HOTP (240 VAC)
E3X-R27-3HOTP (277 VAC)

902MHz Receivers
E9X-R12-3HOTP (120 VAC)
E9X-R24-3HOTP (240 VAC)
E9X-R27-3HOTP (277 VAC)

ILLUMRA™
Self-powered Wireless Controls

ILLUMRA™ single channel relay receivers allow lights to be controlled by ILLUMRA self-powered switches, remotes, and sensors. The line-voltage relays help simplify advanced wireless lighting control.

Easy-To-Use
- Installs in minutes, programs in seconds
- Requires no switch leg or traveler wires
- Compatible with ILLUMRA transmitters

Reliable Range
- 50-150 foot range (typical)
- Each unit stores up to 25 light switch IDs
- Error checking on all packet transfers

Save Time and Money
Avoid costly and time-consuming installation of hardwire switches in your remodel or retrofit by choosing wireless ILLUMRA switches and receivers.

Save Energy
Conserve energy and save money by connecting the receiver to an ILLUMRA occupancy sensor or by programming all lights to respond to a single master switch. ILLUMRA makes it easy to keep lights and systems off when not in use!

Threaded Nipple Relay

ILLUMRA
Lindon, UT 84042

T: (801) 349-1200
Sales@ILLUMRA.com
Info@ILLUMRA.com
www.ILLUMRA.com

Simple Wireless Controls
- Architectural lighting
- Load shedding
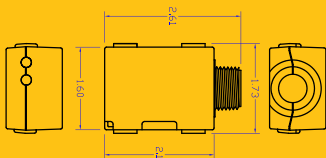- Manual or Automatic ON/ OFF motion controls

Control The Way You Want It
- Control the 3-Wire Relay Receiver with a variety of devices:
- Self-powered wireless light switches
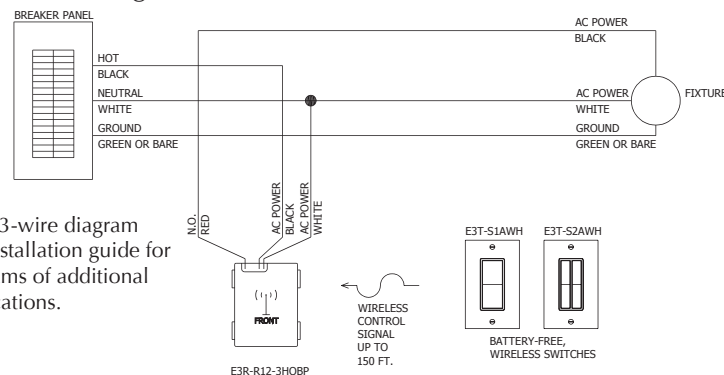- Wireless occupancy sensors, Manual or Automatic ON

	E3X-R12-3HOTP E9X-R12-3HOTP	E3X-R24-3HOTP E9X-R24-3HOTP	E3X-R27-3HOTP E9X-R27-3HOTP
Range	50-150 feet (typical)		
Frequency	315 or 902 MHz		
Relay Output	120 VAC	240 VAC	277 VAC
Max Loads/ Contact Ratings — Tungsten / Incandescent	1500 W	3000 W	3400 W
Max Loads/ Contact Ratings — Fluorescent Ballast	8 A		
Max Loads/ Contact Ratings — General Duty	16 A		
Max Loads/ Contact Ratings — A300 Pilot Duty	360 VA	720 VA	830 VA
Power Supply	120 VAC 50/60 Hz	240 VAC 50/60 Hz	277 VAC 50/60 Hz
Output Channels	1 FORM A Relay		
Memory	Stores up to 25 switch IDs		
Dimensions	2.11 x 1.73 x 1.09 inches (54 x 44 x 28 mm)		
Operating Temperature	14° to +122°F (-10° to +50°C)		
Storage Temperature	-4° to +176°F (-20° to +80°C)		
Transmitted EEP (EnOcean Equipment Profile)	A5-38-08		
Radio Certification	FCC (United States): SZV-TCM2XXC I.C. (Canada): 5713A-TCM2XXC		
Safety Approval	ETL (U.S.): UL244A ETL (Canada): CSAc22.2#14-05		
Plenum Rating	UL2043		

Network Diagram

Basic 3-wire diagram See installation guide for diagrams of additional applications.

BREAKER PANEL
HOT
BLACK
NEUTRAL
WHITE
GROUND
GREEN OR BARE

AC POWER
BLACK
AC POWER
WHITE
GROUND
GREEN OR BARE
FIXTURE

N.O. RED
AC POWER BLACK
AC POWER WHITE

FRONT

E3R-R12-3HOBP

WIRELESS CONTROL SIGNAL UP TO 150 FT.

E3T-S1AWH   E3T-S2AWH

BATTERY-FREE, WIRELESS SWITCHES

enocean alliance
No Wires. No Batteries. No Limits.

AHD0200D

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for interface modules *category:*

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