



# 5-Wire Relay Receiver

E3X-R02-5IBTP (24 VAC w/ Repeater)  
E3X-R12-5IBTP (120 VAC w/ Repeater)  
E3X-R24-5IBTP (240 VAC w/ Repeater)  
E3X-R27-5IBTP (277 VAC w/ Repeater)

ILLUMRA™ single channel relay receivers allow lights and fans to be controlled by ILLUMRA self-powered wireless switches 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 all ILLUMRA transmitters

## Reliable Range

- 50-150 foot range (typical)
- Each unit stores up to 30 light switch IDs
- Error checking ensures receiver only responds to appropriate wireless transmitters

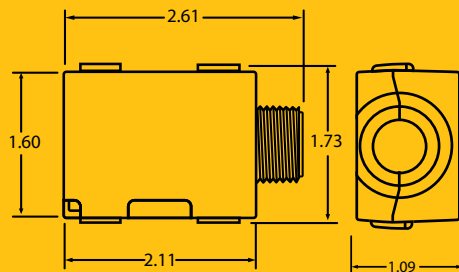
## Save Time and Money

Avoid costly and time-consuming installation of hardwired 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



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## Simple Wireless Controls

- Single pole, 3 way, and 4 way wireless switches
- Compatible with hardwired 3 way and 4 way switches
- Architectural lighting control
- Motor control
- Manual ON/OFF automatic OFF controls

## Control The Way You Want

Control the Relay Receiver with a variety of devices:

- Self-powered wireless light switches
- Wireless occupancy sensors with 15 minute vacancy timeout
- More

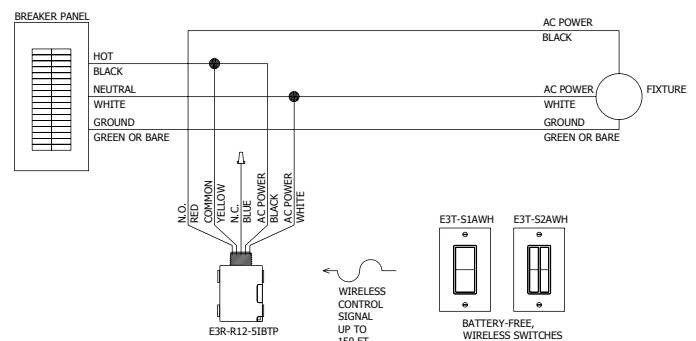


	E3X-R02-5IBTP	E3X-R12-5IBTP	E3X-R24-5IBTP	E3X-R27-5IBTP
<b>Range</b>	50-150 feet (typical)			
<b>Frequency</b>	315 MHz			
<b>Relay Output</b>	277 VAC, MAX			
<b>Max Loads/ Contact Ratings</b>	<b>Tungsten (Incandescent)</b> N.O. Contacts / N.C. Contacts	1500 W @ 120 VAC / 500 W @ 120 VAC 3000 W @ 240 VAC / 1500 W @ 240 VAC 3400 W @ 277 VAC / 1700 W @ 277 VAC		
	<b>Fluorescent Ballast</b>	8 A (N.O. Contacts)		
	<b>General Duty</b>	16 A (N.O. Contacts), 5 A (N.C. Contacts)		
	<b>A300 Pilot Duty</b>	72 VA @ 24 VAC, 360 VA @ 120 VAC, 720 VA @ 240 VAC, 830 VA @ 277 VAC		
	<b>Motor Load</b>	60 LRA, 10 FLA, 1/2 HP @ 120 VAC, 1HP @ 240 VAC		
<b>Power Supply</b>	24 VAC 50/60 Hz	120 VAC 50/60 Hz	240 VAC 50/60 Hz	277 VAC 50/60 Hz
<b>Output Channels</b>	1 FORM C Relay COM, N.O., N.C.			
<b>Memory</b>	Stores up to 30 switch IDs			
<b>Dimensions</b>	2.11 x 1.73 x 1.09 inches (54 x 44 x 28 mm)			
<b>Operating Temperature</b>	14° to +122°F (-10° to +50°C)			
<b>Storage Temperature</b>	-4° to +176°F (-20° to +80°C)			
<b>Radio Certification</b>	FCC (United States): SZV-TCM2XXC I.C. (Canada): 5713A-TCM2XXC			
<b>Safety Approval</b>	ETL (U.S.): UL244A ETL (Canada): CSAc22.2#14-05			

## Network Diagram

### Basic 5-wire diagram

See installation guide for diagrams of additional applications.



This device or certain aspects thereof is protected by at least one U.S. or international patent or has at least one such patent application pending.



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