

NETWORK & WIRELESS

ENOCEAN WIRELESS REPEATER E3X-RXX-REPTP SERIES

DESCRIPTION

The ILLUMRA Repeater works to extend the wireless coverage area of ILLUMRA wireless networks. It receives wireless control signals and retransmits them to distant receivers or other repeaters. The device is capable of one-level and two-level repeating, effectively tripling the coverage distance otherwise achievable without using repeaters. It is easy to install and requires no setup or commissioning.

These repeaters communicate with ILLUMRA's E3T-x series of transmitters, E3R-x series of receivers and E3X-x series of transceiver controllers.

FEATURES

- One-level and two-level repeating
- Fast, easy installation
- No setup required
- No commissioning required

NEW!



E3X-Rxx-REPTP



WIRING

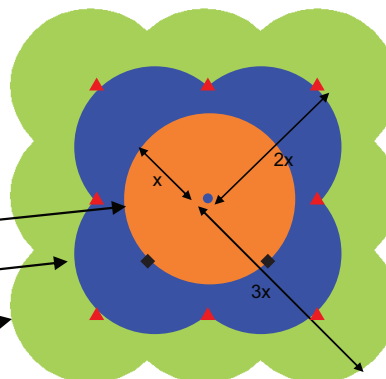
APPLICATION DIAGRAM

- Transmitter
- ◆ Level 1 repeater
- ▲ Level 2 repeater

Coverage area without repeaters

Coverage area with Level-1 repeaters

Coverage area with Level-2 repeaters



*Using two levels of repeaters achieves up to triple the distance achievable without repeaters. Results will vary, depending on site-specific conditions.

SPECIFICATIONS

Supply Voltage		Communication	EnOcean wireless
E3X-R02-REPTP	24 VAC, 50/60 Hz	Mounting	Threaded Nipple
E3X-R12-REPTP	120 VAC, 50/60 Hz	Enclosure	Plastic
E3X-R24-REPTP	240 VAC, 50/60 Hz	Dimensions	2.11"H x 1.73"W x 1.09"D (5.36 x 4.39 x 2.77 cm)
E3X-R27-REPTP	277 VAC, 50/60 Hz	Weight	0.15 lbs (0.07 kg)
Transmit Frequency	315 MHz	Approvals	ETL: UL244A (USA), CSAc22.2 #14-05 (Canada); FCC, IC
Transmit Range	50-150 feet	Warranty	3 yrs
Operating Temperature	14° to 122°F (-10° to 50°C)		
Operating Humidity	0-95% RH non-condensing		

ORDERING INFORMATION

MODEL	DESCRIPTION
E3X-R02-REPTP	Repeater, 24 VAC, 315 MHz
E3X-R12-REPTP	Repeater, 120 VAC, 315 MHz
E3X-R24-REPTP	Repeater, 240 VAC, 315 MHz
E3X-R27-REPTP	Repeater, 277 VAC, 315 MHz