



Low Voltage 8 Channel Relay Receiver

The ILLUMRA E9R-R04FP-8 Low Voltage Relay Receiver wirelessly brings switch leg commands to individual devices or groups of devices. This centralized hub integrates remote transmitters with N.O. and N.C. contactors to build out your system designs.

Conserve energy and save money by using the Low Voltage Relay Receiver with an occupancy sensor or by programming all channels to respond to a single master switch.



- Control up to 8 devices or groups of devices.
- Dry contact output channels for relay/contactor applications.
- Programmable outputs as momentary or maintained.
- Responds to 80 transmitters (max)



Applications



Retrofitting



New Construction



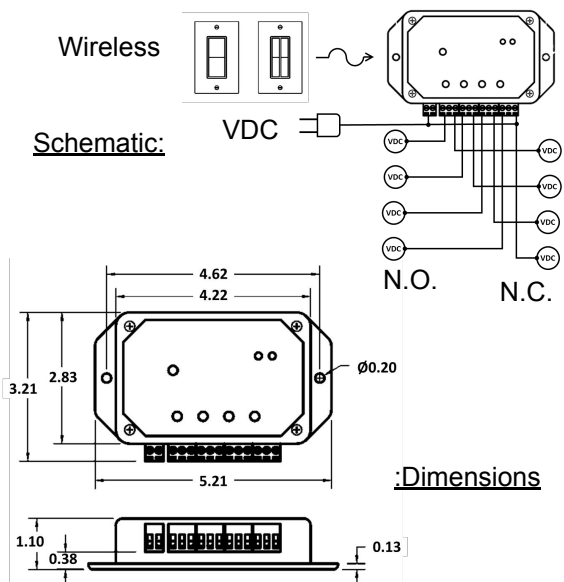
Classrooms



Offices



Warehousing



Technical Spec:	E9R-R04FP-8
Range	50-150 Ft. (15m - 45m) Typ.
Frequency	902 MHz
Input Power	8-28 VAC or 8-30 VDC, 250 mA max
Power Output	2A at 30 VAC or DC
Output Channels	(8) Channels, (8) Form A - N.O. Dry contacts
Operating Temp.	-13°F to 140°F (-25°C to +60°C)
Storage Temp.	-40°F to 140°F (-40°C to +60°C)
Dimensions	5.12"L x 3.21"W x 1.10"P (10.7cm x 7.2cm x 2.9cm)
Certifications	FCC: SZV-TCMZXXC; IC: 5713A-TCM2XXC

Ordering (example: E9R-R04FP-8):

E9R	-	R	04	FP	-	8
E9R = EnOcean 902MHz Relay		R = Receiver	04 = 4 Contactor series	FP = Flexible Programing		8 = 8 Channel

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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COMPATIBILITY		
Name	Model	Uses
Single Rocker Wall Switch	E9T-S1Axx	Wireless dimming of a single circuit
Dual Rocker Wall Switch	E9T-S2Axx	Wireless dimming of 2 circuits
4 Button Handheld Remote	E9T-S2Hxx	Portable wireless dimming/ scene control
Key Card Switch	E9T-C2AWH	Remote switching based on card insertion
Occupancy Sensor, Ceiling	E9T-OBP	Wireless lighting control based on occupancy
Magnetic Door Sensor	E9T-MDCCP	Activation of lights and loads with door opening



BID SPECIFICATION -

1. Basis of Design: Relay Receiver, 8 Channel. Model E9R-R04FP-8, by ILLUMRA.
 - a. Standards Compliance: FCC Part 15.231, IC RSS-210.
 - b. Output Interface: 8 dry type-A contact relay channel outputs to interface with third-party devices, control systems, and Energy Management systems.
 - 1) Rated for 2 A at 30 VDC.
 - 2) Interface with equipment creating a hybrid control solution.
 - c. Each output can be set up separately, linked to wireless switches or sensors based on standard profiles.
 - 1) Key Card Activated Switch F6-04-01.
 - 2) Occupancy Sensor A5-07-01.
 - 3) Single Input Contact A5-30-02.
 - 4) Central Command, Switching and Set Point A5-38-08
 - f. Doubles as a repeater
 - j. Supports key card, rocker, and window switches; occupancy sensor, and central command profiles.
 - k. Mechanical:
 - 1) Operating Temperature: -13°F to 140°F degrees (-25°C to +60°C).
 - 2) Relative Humidity, Non-Condensing: 5 to 95 percent.
 - 3) Weight: 3.9 oz. (111 grams).
 - 4) Dimensions: 5.12" L x 3.21" W x 1.10" Depth (10.7cm x 7.2cm x 2.9cm).
 - 5) Mounting: Two screws; not included.
 - l. Hardware Specifications:
 - 1) Power Supply: 8-30 VDC or 8-28 VAC, 250 mA maximum draw.
 - 2) Inputs: CH. Select, LEARN, and CLEAR buttons.
 - 3) Outputs: Eight dry contact type-A relays; Com, N.O.
 - a) Contact Rating: 2 A, 30 VAC/DC max
 - 4) LEDs; 1 per Channel: Red: CH.MODE. Green: RELAY STATE.
 - m. Communications:
 - 1) Radio Frequency: 902 MHz.
 - 2) Transmission Range: 50 ft to 150 ft (16 m to 48 m)