

ENOCAN WIRELESS LOW VOLTAGE RELAY RECEIVER E9R-R04FP SERIES



DESCRIPTION

The Illumra E9R-R04FP Series low voltage relay receiver connects wireless switches to any low voltage control system. The low voltage receiver responds to up to 80 different transmitters and provides SPST (form A) dry contact 8-30V for digital output (DO) applications. The outputs can be programmed as either momentary or maintained contacts.

FEATURES

- Control up to 4 or 8 separate devices or groups of devices
- Responds to up to 80 transmitters
- Dry contact output channels for relay/contact applications
- Outputs can be programmed as either momentary or maintained contacts.



E9R-R04FP-4



SPECIFICATIONS

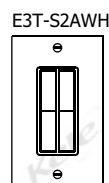
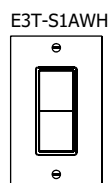
DEVICE OPERATION

Supply Power	8-30VAC, 8-28VDC, 2W
Sensor Type	Input from up to 80 Switch IDs
Outputs	2A @ 30V (AC/DC)
E9R-R04FP-4	4 dry SPDT contacts (Form C)
E9R-R04FP-8	8 dry SPST contacts (Form A, N.O.)
Accuracy	Digital On/Off
Indication	Green LED per relay (illuminated if energized)
Controls	Red Power and Receive (blink) LED
Wiring	2 buttons through hole (Learn, Clear)
Mounting	14 terminals (2-PWR, 12 for relays)
Operating Temperature	Panel mount with 2 screws
Operating Humidity	-13° to 140°F (-25° to 60°C)
Mounting	0-95% RH non-condensing
Enclosure Rating	Panel
Dimensions	NEMA 1, Plastic
Weight	3.2"W x 5.1"H x 1.13"D
Approvals	(8.13 x 12.95 x 2.87 cm)
Warranty	0.3 lbs (0.14 Kg)
	FCC, IC
	3 years

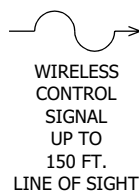
RADIO

Protocol	EnOcean
Frequency	902 MHz (Classic 315MHz available on request)
Modulation	Direct Sequence Spread Spectrum (DSSS)
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
900 MHz	FCC ID# SZV-TCM2XXU, IC# 5713A-TCM2XXU
315 MHz	FCC ID# SZV-TCM2XXC, IC# 5713A-TCM2XXC

WIRING

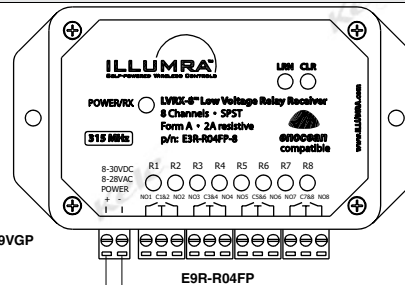


BATTERY-FREE,
WIRELESS SWITCHES



ANY 8-28VAC
OR 8-30VDC
POWER SUPPLY
(SOLD SEPARATELY)

NWO-P9VGP



LOADS CONNECTED
TO THE NORMALLY
OPEN CONTACTS
WILL BE TURNED
OFF UNTIL A
WIRELESS SWITCH
ACTIVATES THEIR
RESPECTIVE
CHANNEL.

ORDERING INFORMATION

MODEL[†]
E9R-R04FP-4
E9R-R04FP-8

DESCRIPTION

4 channel low voltage relay receiver, 8-28VAC/VDC, 902 MHz
8 channel low voltage relay receiver, 8-28VAC/VDC, 902 MHz

† Add -315 for 315 MHz at the end of the part number to order.

AM-24830A
DCP-1.5-W

ACCESSORIES

Plug-in Class 2 Transformer, 120 VAC to 24 VAC, 20 VA
Power supply, 24 VAC IN to 24 VDC OUT