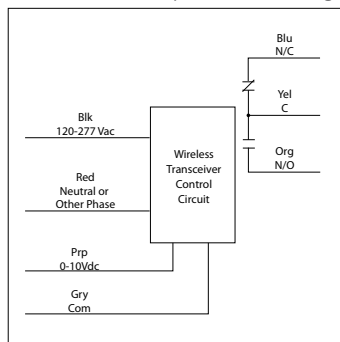


WIRELESS CONTROL RELAY

RIBW21BAO-EN3

EnOcean 902 MHz Wireless Relay, Transceiver / Repeater, 20 Amp SPDT, 120-277 Vac Power Input, 0-10 Vdc Analog Output, NEMA 1 Housing



RELAY HAS BUILT-IN REPEATER FUNCTION. RELAY RECEIVES SIGNAL FROM WIRELESS SWITCH AND REBROADCASTS THE SIGNAL TO THE NEXT RELAY RECEIVER.



SPECIFICATIONS

Relays & Contact Type: One (1) SPDT Continuous Duty Coil

Expected Relay Life: 10 million cycles minimum mechanical

Operating Temperature: -30 to 140° F

Humidity Range: 5 to 95% (noncondensing)

Red LED: Relay Status / Learn Mode Status (Flashing)

Dimensions: 2.39"H x 3.31"W x 1.81"D with 0.75" NPT nipple

Housing Detail: See **Housing B** in housing guide for demensions

Wires: 16", 600V Rated

Approvals: UL Listed, UL916, C-UL, RoHS

Agency Compliance: FCCID: SZV-TCM320U

IC: 5713A-TCM320U

Housing Rating: UL Accepted for Use in Plenum, NEMA 1

Gold Flash: No

Override Switch: No

Frequency: 902 MHz

Receiver Sensitivity: -93 dBm typical

Conducted Power: 5 mW typical

Built-in Switch Modes: Alarm, Repeater, Delay, Dimming, Rocker, Momentary, and Toggle

Origin: Made of US and non-US parts

Contact Ratings:

20 Amp Resistive @ 277 Vac

20 Amp Ballast @ 277 Vac (N/O)

10 Amp Ballast @ 277Vac (N/C)

16 Amp Electronic Ballast @ 277 Vac (N/O)

10 Amp Tungsten @ 120 Vac (N/O)

770 VA Pilot Duty @ 120 Vac

1,110 VA Pilot Duty @ 277 Vac

2 HP @ 277 Vac

1 HP @ 120 Vac

Power Input Ratings:

39 mA max @ 120-277Vac

Analog Output Ratings:

0-10Vdc, 10mA Sourcing/ 50mA Sinking

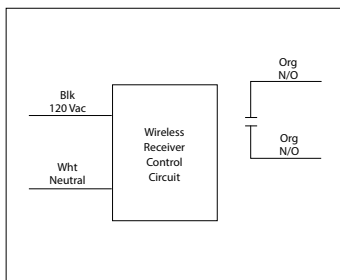
Notes:

- Compatible with EnOcean® 902 MHz Switches/Transmitters.
- Typical range: 50-150 ft.
- Open area transmission could be farther. Consult factory for more information.
- Repeater function only rebroadcasts original EnOcean® transmission. Up to two repeaters can be used.
- For setup instructions, see website.

WIRELESS CONTROL RELAYS WITH TWO-WAY COMMUNICATION

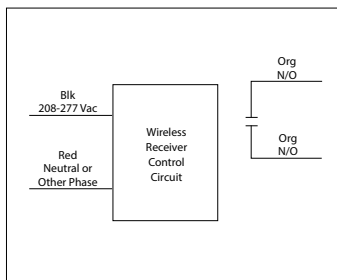
RIBW01C-EN3

EnOcean 902 MHz Wireless Relay, Receiver/ Repeater, 5 Amp SPST-N/O, 120 Vac Power Input, NEMA 1 Housing



RIBW02C-EN3

EnOcean 902 MHz Wireless Relay, Receiver/ Repeater, 5 Amp SPST-N/O, 208-277 Vac Power Input, NEMA 1 Housing



SMALLER SIZE DESIGN TO FIT INSIDE BALLAST HOUSING OF FLUORESCENT LIGHT FIXTURE.



SPECIFICATIONS

Relays & Contact Type: One (1) SPST Continuous Duty Coil

Expected Relay Life: 10 million cycles minimum mechanical

Operating Temperature: -30 to 140° F

Humidity Range: 5 to 95% (noncondensing)

Red LED: Relay Status / Learn Mode Status (Flashing)

Dimensions: 1.68"H x 4.58"W x 1.18"D

Housing Detail: See **Housing E** in housing guide for demensions

Wires: 16", 600V Rated

Approvals: UL Listed, UL916, C-UL, RoHS

Agency Compliance: FCCID: SZV-TCM320U ; IC: 5713A-TCM320U

Gold Flash: No

Override Switch: No

Frequency: 902 MHz

Receiver Sensitivity: -93 dBm typical

Conducted Power: 5 mW typical

Built-in Switch Modes: Alarm, Repeater, Delay, Rocker, Momentary, and Toggle

Origin: Made of US and non-US parts

Contact Ratings:

5 Amp Ballast @ 120/277 Vac

5 Amp Tungsten @ 120 Vac

5 Amp Electronic Ballast @ 120 Vac

Power Input Ratings:

75 mA @ 120 Vac ; 60 Hz (RIBW01C-EN3)

100 mA @ 208-277 Vac ; 60 Hz (RIBW02C-EN3)

Notes:

- Compatible with EnOcean® 902 MHz Switches/Transmitters.
- Typical range: 50-150 ft.
- Open area transmission could be farther. Consult factory for more information.
- Repeater function only rebroadcasts original EnOcean® transmission. Up to two repeaters can be used.
- Version 1.5 firmware or later implements Functional Devices, Inc.'s EnOcean® Manufacturer ID of 0x055.
- For setup instructions, see website for -EN3 Series:
www.functionaldevices.com/wp-content/uploads/2021/12/B1867_393231.pdf