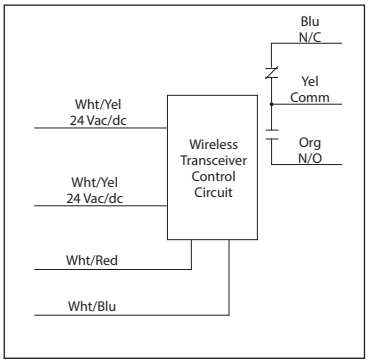
RIB Functional Devices, Inc.™ (800) 888-5538 sales@functionaldevices.com www.functionaldevices.com

WIRELESS CONTROL RELAYS WITH TWO-WAY COMMUNICATION

RIBW24B-EN3

Enclosed EnOcean® Enabled Wireless Relay Transceiver / Repeater 20 Amp SPDT, 24 Vac/dc Power, with Dry Contact Input

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



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RoHS

MADE IN THE U.S.A.

enocean alliance Member

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: 2.30˝ x 3.20˝ x 1.80˝ with .50˝ NPT Nipple
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, Rocker, Momentary, and Toggle
Shipping Weight: 0.648 lbs.

Contact Ratings:
20 Amp Resistive @ 277 Vac
20 Amp Ballast @ 277 Vac
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:
69 mA @ 24 Vdc

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 Application Manual: www.functionaldevices.com/pdf/bulletins/B1867_393231.pdf

APPLICATION FOR WIRELESS CONTROL & FEEDBACK IN A BUILDING AUTOMATION SYSTEM