**WIRELESS CONTROL RELAYS WITH TWO-WAY COMMUNICATION**

**RIBW01B-EN3**
Enclosed EnOcean® Enabled Wireless Relay Transceiver / Repeater 20 Amp SPDT, 120 Vac Power, with Dry Contact Input

**RIBW208B-EN3**
Enclosed EnOcean® Enabled Wireless Relay Transceiver / Repeater 20 Amp SPDT, 208 Vac Power, with Dry Contact Input

**RIBW240B-EN3**
Enclosed EnOcean® Enabled Wireless Relay Transceiver / Repeater 20 Amp SPDT, 240 Vac Power, with Dry Contact Input

**RIBW277B-EN3**
Enclosed EnOcean® Enabled Wireless Relay Transceiver / Repeater 20 Amp SPDT, 277 Vac Power, with Dry Contact Input

**RIBW24B-EN3**
Enclosed EnOcean® Enabled Wireless Relay Transceiver / Repeater 20 Amp SPDT, 24 Vac/dc Power, with Dry Contact Input

### 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
- **Overide 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

### 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 @ 24 Vac
- 1,110 VA Pilot Duty @ 277 Vac
- 2 HP @ 277 Vac
- 1 HP @ 120 Vac

### Power Input Ratings:
- 73 mA @ 120 Vac ; 60 Hz (RIBW01B-EN3)
- 80 mA @ 208 Vac ; 60 Hz (RIBW208B-EN3)
- 80 mA @ 240 Vac ; 60 Hz (RIBW240B-EN3)
- 80 mA @ 277 Vac ; 60 Hz (RIBW277B-EN3)
- 139 mA @ 24 Vac (RIBW24B-EN3)
- 69 mA @ 24 Vdc (RIBW24B-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 Application Manual: www.functionaldevices.com/pdf/bulletins/B1867_393231.pdf or scan QR code with your smart phone.

**APPLICATION FOR WIRELESS CONTROL & FEEDBACK IN A BUILDING AUTOMATION SYSTEM**