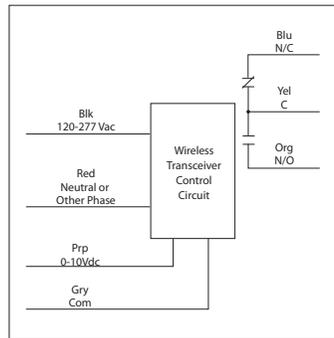


WIRELESS CONTROL RELAY

RIBW21BAO-EN3

Enclosed 902MHz Wireless Relay
Transceiver / Repeater 20 Amp SPDT,
120-277Vac Power, with 0-10Vdc Analog Output



RELAY HAS BUILT-IN REPEATER FUNCTION. RELAY RECEIVES SIGNAL FROM WIRELESS SWITCH TRANSMITTER 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: 2.30" x 3.20" x 1.80" with .75" 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, Dimming, Rocker, Momentary, and Toggle

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.