



RELAYS & CONTACTORS

BACnet® RELAY IN A BOX MODEL RIBTW2401B-BC

DESCRIPTION

The **Model RIBTW2401B-BC** is an open-protocol relay controlled from a remote location using a BACnet network. The relay is powered locally, and communication with the network is over a twisted pair of wires. Using standard BACnet objects, the relay can be commanded on and off over the network and the relay state communicated back. A separate digital input is provided to conveniently allow the state of a status feedback signal from a current switch (or other switched feedback device) to be communicated on the BACnet network.

FEATURES

- **Enclosed BACnet relay with 20A contacts**
- **Additional dry contact input (powered by Class 2 circuit)**
- **LED indication of network status and relay status**
- **UL listed and BACnet compatible, CE**

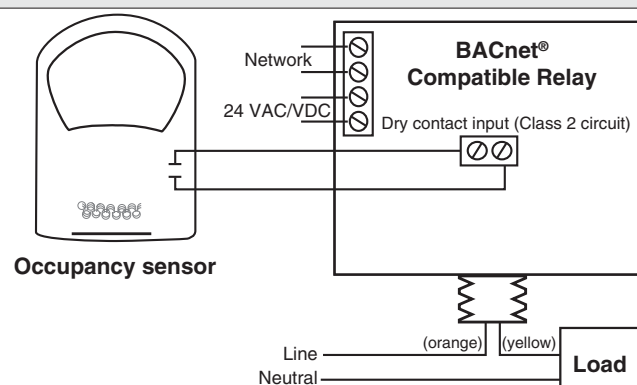
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Functional
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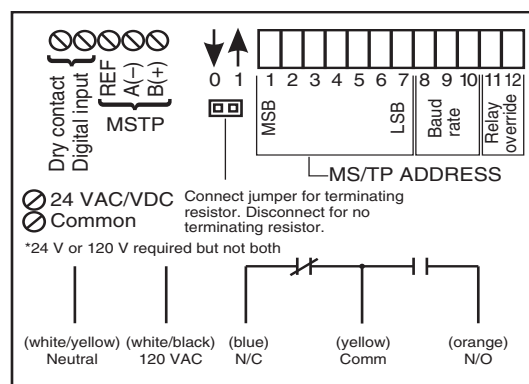
RIB®



APPLICATION



WIRING



SPECIFICATIONS

Relay Type	SPDT
Input Power	24 VAC @ 111 mA, 24 VDC @ 81 mA, 120 VAC @ 96 mA
Frequency	50/60 Hz
Duty	Continuous duty
Contact Ratings	20 Amp Resistive @ 277 VAC 20 Amp Ballast N.O. @ 120/277 VAC 10 Amp Ballast N.C. @ 277 VAC 10 Amp Tungsten N.O. @ 120 VAC 1110 VA Pilot Duty @ 277 VAC 770 VA Pilot Duty @ 120 VAC 2 HP @ 277 VAC 1 HP @ 120 VAC

Life expectancy	10 million cycles minimum
Baud rate	9600, 19200, 38400, 57600, 76800, and 115200
LED indication	
Green	Network status
Red	Relay status
Operating temperature	-30° to 140°F (35° to 60°C)
Dimensions	4"H x 4"W x 1.8"D with 0.5" NPT nipple (10.2 x 10.2 x 4.6 with 1.27 cm nipple)
Housing	NEMA 1, plenum rated
Agency approvals	UL listed, CE certified, BACnet certified
Warranty	1 year

ORDERING INFORMATION

MODEL	DESCRIPTION
RIBTW2401B-BC	BACnet RIB relay, SPDT, 24 VAC/VDC or 120 VAC power input