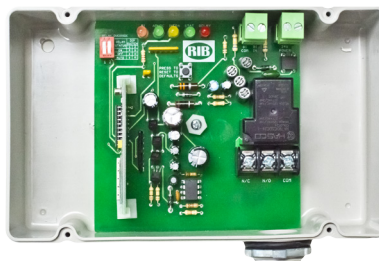
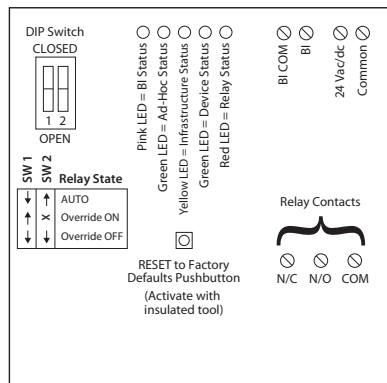


**NETWORK COMPATIBLE RELAY**

**RIBTW24B-WI-N4**

Enclosed Wifi IEEE 802.11 b/g Network  
 Enclosed I/O Device: One Discrete Output  
 (20 Amp Relay SPDT + Override), One  
 Discrete Input (Dry Contact, Class 2); 24 Vac/dc



Shown With Cover

Code Version 4.0.1



Made in USA  
 Meets "Buy American" of ARRA 2009



RELAYS

**SPECIFICATIONS**

# Relays & Contact Type: One (1) SPDT Continuous Duty Coil  
 Expected Relay Life: 10 million cycles minimum mechanical  
 Operating Temperature: -30 to 140° F

Operate Time: 18ms  
 Pink LED: Digital Input Status  
 Green LED: Wifi Ad-Hoc Status  
 Yellow LED: Wifi Infrastructure Status  
 Green LED: Device Status  
 Red LED: Relay Status

Dimensions: 4.28" x 7.00" x 2.00" with .75" NPT Nipple  
 Approvals: UL Listed, UL916, C-UL

Housing Rating: UL Accepted for Use in Plenum, NEMA 4  
 Gold Flash: No

Relay Override Switch: DIP Switch Control  
 Wifi: IEEE 802.11 b/g/n Compatible, (G)  
 54 Mbps Data Rate  
 -95 dBm Min. Sensitivity  
 +16 dBm Max Output Power  
 Currently Unsecured Connection in Ad-Hoc (WPA-PSK or WPA-2-PSK Available)  
 Supports PING and ARP  
 DSSS Modulation

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)  
 2 HP @ 277 Vac  
 1 HP @ 120 Vac

Power Input Ratings:  
 200 mA Max @ 24 Vac  
 200 mA Max @ 24 Vdc

Available TCP/IP Settings:  
 • IP Address (Static)  
 • Port Number  
 • Subnet Mask  
 • Gateway Address  
 • Ad-Hoc mode  
 • Infrastructure mode  
 • Scan for wireless networks

Device Settings:  
 • Local Override  
 • Reset to Network Defaults Pushbutton

Power Input:  
 24 Vac = Terminal Strip (20 Vac min. ; 28 Vac max.)  
 24 Vdc = Terminal Strip (24 Vdc min. ; 28 Vdc max.)

Device Settings by Network:  
 • Power up default relay state  
 • Host name and location labels  
 • Relay bound to digital input

• **Setup instructions available on website.**

[http://www.functionaldevices.com/pdf/bulletins/B1802\\_393224.pdf](http://www.functionaldevices.com/pdf/bulletins/B1802_393224.pdf)



Or scan QR code with your smart phone.