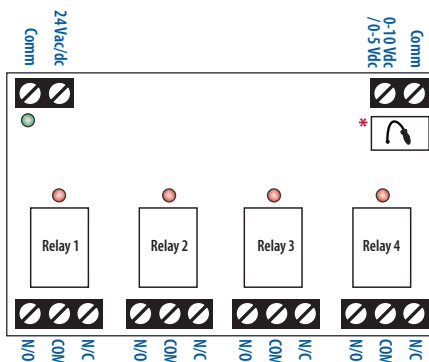




## I/O Expander

### RIBMN24Q4C

2.75" Track Mount 4 Output I/O Expander with 24 Vac/dc Power and 0-10 Vdc / 0-5 Vdc Control Input



#### ■ SPECIFICATIONS

**# Relays & Contact Type:** Four (4) SPDT Continuous Duty Coil  
**Expected Relay Life:** 10 million cycles minimum mechanical  
**Operating Temperature:** -30 to 140° F  
**Relay Status:** Green LED On = Power On  
 Red LED On = Relay Activated  
**Dimensions:** 4.950" x 2.750" x 1.750"  
**Track Mount:** MT212-6 Mounting Track Provided  
**Approvals:** UL Listed, UL916, C-UL, CE, RoHS  
**Gold Flash:** No  
**Override Switch:** No

**Contact Ratings:**  
 15 Amp General Use @ 125 Vac  
 10 Amp General Use @ 277 Vac  
 10 Amp Resistive @ 30 Vdc N/O  
 7 Amp Resistive @ 30 Vdc N/C  
 1/2 HP @ 125 Vac  
 1 HP @ 250 Vac  
 1/4 HP @ 277 Vac  
 470 VA Pilot Duty @ 125 Vac  
 770 VA Pilot Duty @ 250 Vac

**Power Input:**  
 24 Vac/dc ; 50-60 Hz  
 200mA max.

**Notes:**

- » \*Must clip resistor in white box for 0-5Vdc.
- » Custom Programming Available for Large Orders.

0-10 Vdc Control Voltage	0-5 Vdc* Control Voltage	Relay 1 Status	Relay 2 Status	Relay 3 Status	Relay 4 Status
0-0.372Vdc	0-0.186Vdc	OFF	OFF	OFF	OFF
0.726-1.000Vdc	0.363-0.500Vdc	ON	OFF	OFF	OFF
1.354-1.626Vdc	0.677-0.813Vdc	OFF	ON	OFF	OFF
1.982-2.254Vdc	0.991-1.127Vdc	ON	ON	OFF	OFF
2.608-2.882Vdc	1.304-1.441Vdc	OFF	OFF	ON	OFF
3.236-3.508Vdc	1.618-1.754Vdc	ON	OFF	ON	OFF
3.864-4.136Vdc	1.932-2.068Vdc	OFF	ON	ON	OFF
4.492-4.764Vdc	2.246-2.382Vdc	ON	ON	ON	OFF
5.118-5.392Vdc	2.559-2.696Vdc	OFF	OFF	OFF	ON
5.746-6.018Vdc	2.873-3.009Vdc	ON	OFF	OFF	ON
6.374-6.646Vdc	3.187-3.323Vdc	OFF	ON	OFF	ON
7.000-7.274Vdc	3.500-3.637Vdc	ON	ON	OFF	ON
7.628-7.902Vdc	3.814-3.951Vdc	OFF	OFF	ON	ON
8.256-8.528Vdc	4.128-4.264Vdc	ON	OFF	ON	ON
8.884-9.156Vdc	4.442-4.578Vdc	OFF	ON	ON	ON
9.510-10.000Vdc	4.755-5.000Vdc	ON	ON	ON	ON

#### Notes