

## Product Description

The Functional Devices, Inc. RIB2401B is a SPDT power relay enclosed in a housing to save the installer the time, trouble and expense of buying and installing separate components such as relay, LED indicator, socket, mounting rail, transient protection and housing. The relay coil can be powered by 24 Vac/dc or 120 Vac. An externally visible LED indicates the status of the relay coil.

## Product Specifications

**Type:** One (1) SPDT Continuous Duty Coil  
**Expected Life:** 10 million cycles minimum mechanical  
**Operating Temp.:** -30 to 140°F  
**Humidity Range:** 5 to 95% (non-condensing)  
**Operate Time:** 18mS  
**Relay Status:** LED On = Activated  
**Dimensions:** 2.30" x 3.20" x 1.80" with .50" NPT nipple  
**Wires:** 16", 600 V Rated  
**Approvals:** UL Listed, UL916, UL864, C-UL, California State Fire Marshal, CE, RoHS  
**Housing Rating:** NEMA 1, Plenum

### Contact Ratings:

20 Amp Resistive @ 277 Vac  
 5 Amp Resistive @ 480 Vac  
 20 Amp Ballast N/O @ 277 Vac  
 10 Amp Ballast N/C @ 277 Vac  
 10 Amp Tungsten N/O @ 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

### Coil Current:

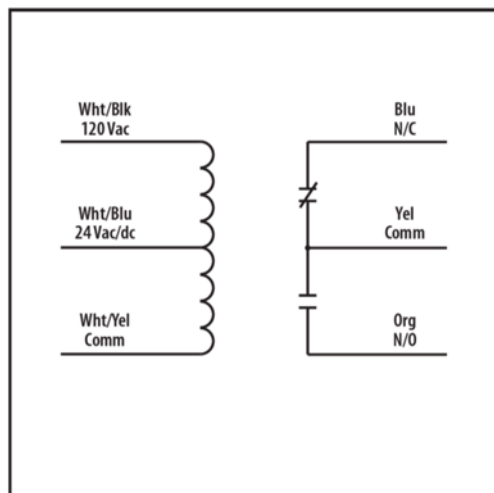
|                 |                |
|-----------------|----------------|
| 50 mA @ 18 Vac  | 33 mA @ 22 Vdc |
| 83 ma @ 24 Vac  | 35 mA @ 24 Vdc |
| 47 mA @ 120 Vac | 47 mA @ 30 Vdc |

### Coil Voltage Input:

24 Vac/dc; 120 Vac; 50-60 Hz  
 Drop Out = 2.1 Vac / 3.8 Vdc  
 Pull in = 18 Vac / 22 Vdc



## Product Wiring



Specifications are subject to change without notice.

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