

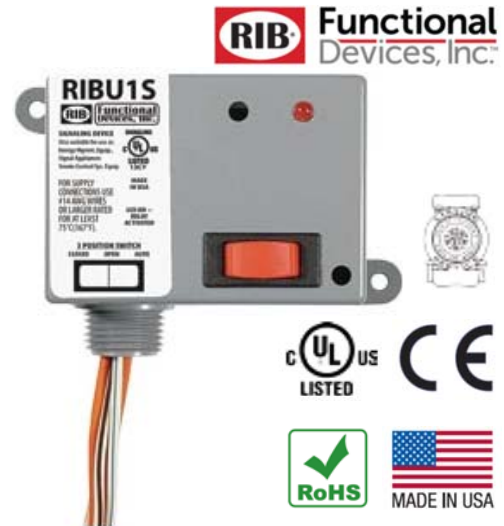
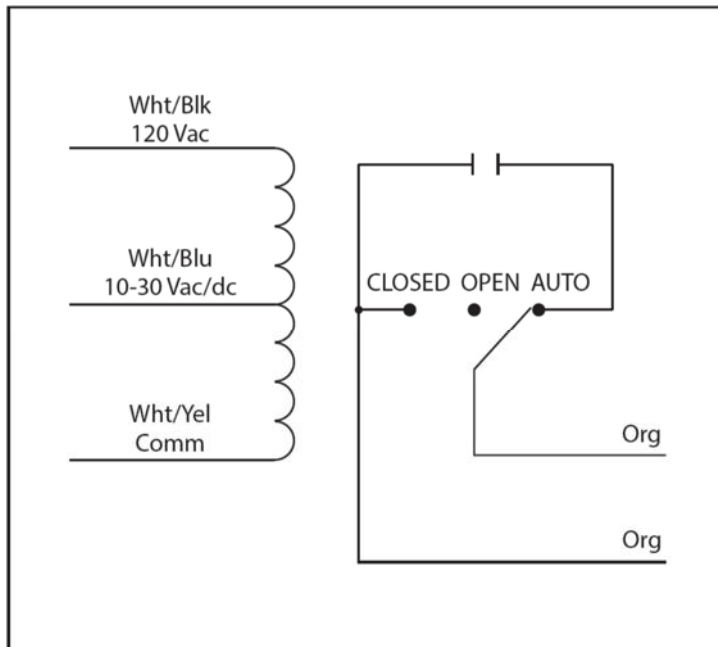
Product Description

The Functional Devices, Inc.™ RIBU1S is a SPST pilot duty relay enclosed in a housing to save the installer the time, trouble and expense of buying and installing separate components such as relay, override switch, LED indicator, socket, mounting rail, transient protection and housing. The relay coil can be powered by 10-30 Vac/dc or 120 Vac. An externally visible LED indicates the status of the relay coil.

Product Specifications

| | |
|-------------------------|--|
| Type: | One (1) SPST Continuous Duty Coil with override switch and gold flash |
| Expected Life: | 10 million cycles minimum mechanical |
| Operating Temp.: | -30 to 140°F |
| Humidity Range: | 5 to 95% (non-condensing) |
| Operate Time: | 20mS |
| 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, UL Accepted for use in Plenum |

Product Wiring



Contact Ratings:

10 Amp Resistive @ 277 Vac
 10 Amp Resistive @ 28 Vdc
 480 VA Pilot Duty @ 240-277 Vac
 480 VA Ballast @ 277 Vac
Not rated for Electronic Ballast
 600 Watt Tungsten @ 120 Vac (N/O)
 240 Watt Tungsten @ 120 Vac (N/C)
 1/3 HP @ 120-240 Vac (N/O)
 1/6 HP @ 120-240 Vac (N/C)
 1/4 HP @ 277 Vac (N/O)
 1/8 HP @ 277 Vac (N/C)

Coil Current:

| | |
|-----------------|----------------|
| 33 mA @ 10 Vac | 13 mA @ 10 Vdc |
| 35 mA @ 12 Vac | 15 mA @ 12 Vdc |
| 46 mA @ 24 Vac | 18 mA @ 24 Vdc |
| 55 mA @ 30 Vac | 20 mA @ 30 Vdc |
| 28 mA @ 120 Vac | |

Coil Voltage Input:

10-30 Vac/dc; 120 Vac; 50-60 Hz
 Drop Out = 2.1 Vac / 3.8 Vdc
 Pull in = 9 Vac / 10 Vdc

Specifications are subject to change without notice.

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