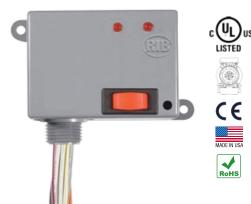




## Functional Devices, Inc.

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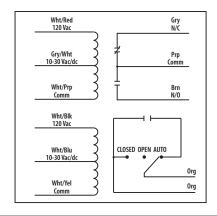
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# 10 Amp Pilot Control Relay

#### RIBU2SC

Enclosed Relays 10 Amp SPST-N/0 + Override + 1 SPDT with 10-30 Vac/dc/120 Vac Coil



### **■ SPECIFICATIONS**

# Relays & Contact Type: One (1) SPST + One (1) SPDT

Continuous Duty Coil

Expected Relay Life: 10 million cycles minimum mechanical

Operating Temperature: -30 to 140° F Operate Time: 20mS

Relay Status: LED On = Activated

Dimensions: 2.30" x 3.20" x 1.80" with .75" NPT nipple

Wires: 16", 600V Rated

Approvals: UL Listed, UL916, UL864, C-UL California State Fire Marshal, CE, RoHS

Housing Rating: Plenum, NEMA 1

Gold Flash: Yes Override Switch: Yes (1)

#### **Contact Ratings:**

10 Amp Resistive @ 277 Vac 480 VA Pilot Duty @ 277 Vac 480 VA Ballast @ 277 Vac 600 Watt Tungsten @ 120 Vac N/0 240 Watt Tungsten @ 120 Vac N/C 1/3 HP for N/O @ 120-240 Vac 1/6 HP for N/C @ 120-240 Vac 1/4 HP for N/0 @ 277 Vac 1/8 HP for N/C @ 277 Vac

#### **Coil Current:**

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

### Coil Voltage Input:

10-30 Vac/dc; 120 Vac; 50-60 Hz Drop Out = 2.1 Vac / 2.8 Vdc Pull In = 9 Vac / 10 Vdc

#### Notes:

- » Order Normally Closed by adding "-NC" to end of model number
- » Order with Momentary Override Switch by adding "-MNO" to end of model number

### Notes