

Functional Devices, Inc. 101 Commerce Drive Sharpsville, IN 46068

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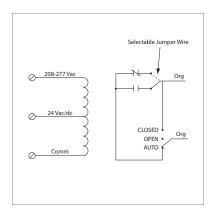
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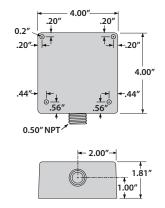
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## **20 AMP POWER CONTROL RELAY**

## RIBT2402SB

Power Relay, 20 Amp SPST + Override, 24 Vac/dc/208-277 Vac Coil, Hi/Lo Voltage Separation, NEMA 1 Housing

















## **SPECIFICATIONS**

# Relays & Contact Type: One (1) SPST Continuous Duty Coil Expected Relay Life: 10 million cycles minimum mechanical

Operating Temperature: -30 to 140° F

Humidity Range: 5 to 95% (noncondensing)

Operate Time: 18ms

Relay Status: LED On = Activated
Dimensions: 4.00" x 4.00" x 1.80" with .50" NPT hub

Origin: Made of US and non-US parts

Wires: 16", 600V Rated
Approvals: UL Listed, UL916, UL864, C-UL

California State Fire Marshal, CE, RoHS

Housing Rating: UL Accepted for Use in Plenum, NEMA 1

Gold Flash: No

Override Switch: Yes

**Contact Ratings:** 

20 Amp Resistive @ 277 Vac 20 Amp Ballast @ 277 Vac (N/O) 10 Amp Ballast @ 277 Vac (N/C) Not rated for Electronic Ballast 10 Amp Tungsten @ 120 Vac (N/O) 1110 VA Pilot Duty @ 277 Vac

770 VA Pilot Duty @ 120 Vac 2 HP @ 277 Vac 1 HP @ 120 Vac

**Coil Voltage Input:** 

24 Vac/dc; 208-277 Vac; 50-60 Hz Drop Out = 2.1 Vac / 3.8 Vdc Pull In = 18 Vac / 22 Vdc

**Coil Current:** 

50 mA @ 18 Vac 83 mA @ 24 Vac

69 mA @ 208-277 Vac

33 mA @ 22 Vdc

35 mA @ 24 Vdc

47 mA @ 30 Vdc

Note:

Normally Open or Normally Closed selected by yellow jumper wire

