

20 AMP POWER CONTROL RELAYS

RIB2401B2G

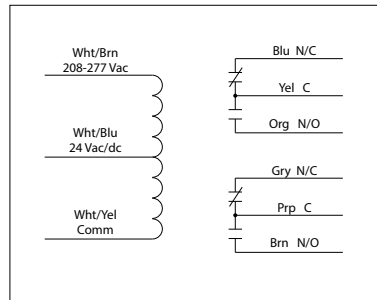
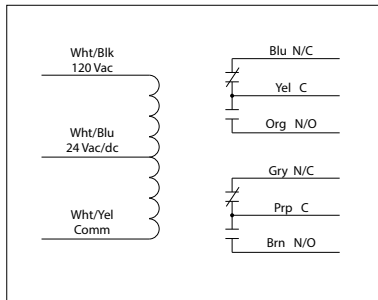
Power Relay, 20 Amp DPDT,
24 Vac/dc/120 Vac Coil, NEMA 1 Housing

RIB2402B2G

Power Relay, 20 Amp DPDT,
24 Vac/dc/208-277 Vac Coil, NEMA 1 Housing



RELAYS



SPECIFICATIONS

Relays & Contact Type: DPDT 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: 2.390"H x 3.310"W x 1.810"D with .75" NPT Nipple

Housing Detail: See **Housing B** in housing guide for dimensions

Origin: Made of US and non-US parts

Wires: 16", 600V Rated

Approvals: UL Listed, UL916, C-UL, CE, RoHS

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

Gold Flash: No

Override Switch: No

Contact Ratings:

20 A @ 277 Vac General Purpose

20 A @ 28 Vdc

1 HP @ 120 Vac

2 HP @ 277 Vac

2 HP @ 240 Vac (N/O)

1 HP @ 208 Vac (N/O)

20 A Ballast @ 277 Vac

15 A Tungsten @ 120 Vac (N/O)

5 A @ 480 Vac Resistive

16 A @ 277 Vac Electronic Ballast (N/O)

1,110 VA Pilot Duty @ 277 Vac

1,158 VA Pilot Duty @ 240 Vac (N/O)

770 VA Pilot Duty @ 208 Vac (N/O)

770 VA Pilot Duty @ 120 Vac

2 A Tungsten @ 120 Vac (N/C)

Coil Current:

145 mA max @ 24 Vac

65 mA max @ 30 Vdc

107 mA max @ 120 Vac (RIB2401B2G)

140 mA max @ 208-277 Vac (RIB2402B2G)

Coil Voltage Input:

24 Vac/dc; 120 Vac; 50-60 Hz (RIB2401B2G)

24 Vac/dc; 208-277 Vac; 50-60 Hz (RIB2402B2G)

Drop Out = 13.5 Vac / 15.5 Vdc

Pull In = 18 Vac / 22 Vdc

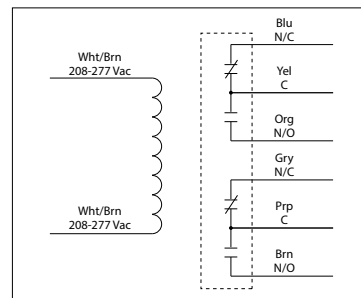
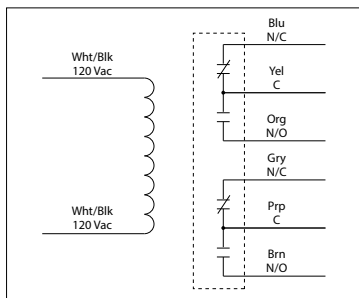
20 AMP POWER CONTROL RELAYS

RIB01P

Power Relay, 20 Amp DPDT, 120 Vac Coil,
NEMA 1 Housing

RIB02P

Power Relay, 20 Amp DPDT, 208-277 Vac Coil,
NEMA 1 Housing



SPECIFICATIONS

Relays & Contact Type: One (1) DPDT 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: 4.000"H x 4.000"W x 1.810"D with .50" NPT Nipple

Housing Detail: See **Housing C** in housing guide for dimensions

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: Yes

Override Switch: No

Contact Ratings:

20 Amp Resistive @ 300 Vac

20 Amp Resistive @ 28 Vdc

20 Amp Ballast @ 277-480 Vac

Not rated for Electronic Ballast

15 Amp Resistive @ 600 Vac

770 VA Pilot Duty @ 120 Vac

1,158 VA Pilot Duty @ 240 Vac

1,109 VA Pilot Duty @ 277 Vac

1,640 VA Pilot Duty @ 480 Vac

Heavy Pilot Duty @ 600 Vac

3 HP @ 480-600 Vac

2 HP @ 240-277 Vac

1 HP @ 120 Vac

Coil Current:

105 mA @ 120 Vac (RIB01P)

105 mA @ 208-277 Vac (RIB02P)

Coil Voltage Input:

RIB01P

120 Vac; 50-60 Hz

Drop Out = 35 Vac

Pull In = 85 Vac

RIB02P

208-277 Vac; 50-60 Hz

Drop Out = 60 Vac

Pull In = 160 Vac