

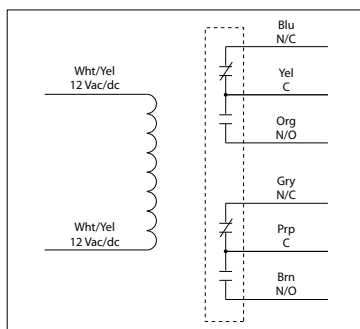
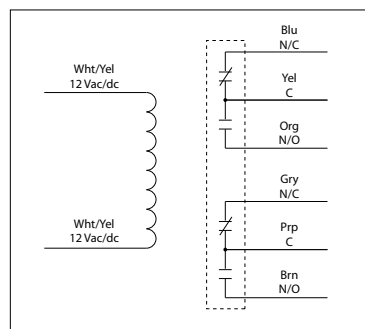
## 20 AMP POWER CONTROL RELAYS

### RIB12P

Power Relay, 20 Amp DPDT, 12 Vac/dc Coil, NEMA 1 Housing

### RIB12P30

Power Relay, 30 Amp DPDT, 12 Vac/dc 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:** 2.390"H x 3.310"W x 1.810"D with .50" NPT Nipple (RIB12P)

2.390"H x 3.310"W x 1.810"D with .75" NPT Nipple (RIB12P30)

**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, UL60947, C-UL, CE, RoHS

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

**Gold Flash:** Yes

**Override Switch:** No

**Contact Ratings: (RIB12P)**

20 Amp Resistive @ 300 Vac

20 Amp Resistive @ 28 Vdc

15 Amp Resistive @ 600 Vac

20 Amp Ballast @ 277-480 Vac

Not rated for Electronic Ballast

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

**Contact Ratings: (RIB12P30)**

30 Amp Resistive @ 300 Vac

25 Amp Resistive @ 28 Vdc

15 Amp Resistive @ 600 Vac

20 Amp Ballast @ 277-480 Vac

Not rated for Electronic Ballast

770 VA Pilot Duty @ 120 Vac

1,158 VA Pilot Duty @ 240 Vac

1,110 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:**

115 mA @ 10 Vac

180 mA @ 12 Vac

79 mA @ 11 Vdc

90 mA @ 12 Vdc

115 mA @ 15 Vdc

**Coil Voltage Input:**

12 Vac/dc ; 50-60 Hz

Drop Out = 4.5 Vac / 4.8 Vdc

Pull In = 9.7 Vac / 11 Vdc

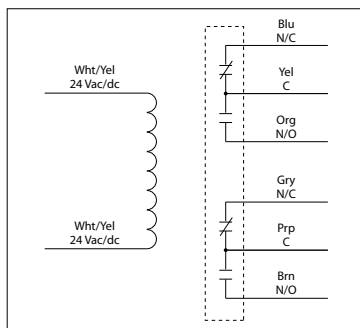
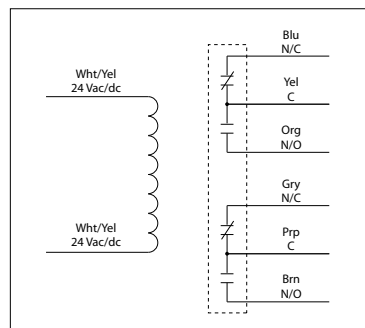
## 20 / 30 AMP POWER CONTROL RELAYS

### RIB24P

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

### RIB24P30

Power Relay, 30 Amp DPDT, 24 Vac/dc 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:** 2.390" x 3.310" x 1.810" with .50" 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, UL864, UL60947, 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: (RIB24P)**

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

**Contact Ratings: (RIB24P30)**

30 Amp Resistive @ 300 Vac

25 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

1,110 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:**

110 mA @ 20 Vac

138 mA @ 24 Vac

55 mA @ 20 Vdc

55 mA @ 24 Vdc

77 mA @ 30 Vdc

**Coil Voltage Input:**

24 Vac/dc ; 50-60 Hz

Drop Out = 3 Vac / 3.8 Vdc

Pull In = 20 Vac / 20 Vdc