

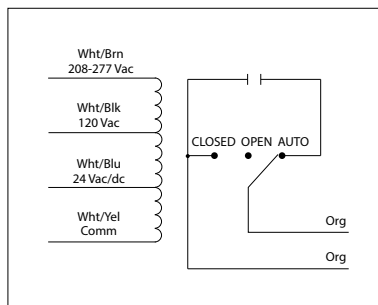
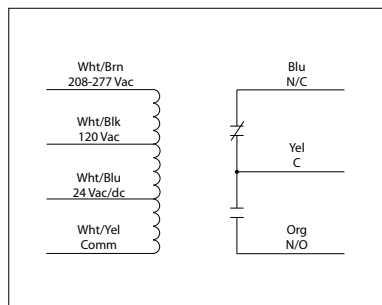
20 AMP POWER CONTROL RELAYS

RIB2421B

Power Relay, 20 Amp SPDT,
24 Vac/dc/120 Vac/208-277 Vac Coil,
NEMA 1 Housing

RIB2421SB

Power Relay, 20 Amp SPST-N/O + Override,
24 Vac/dc/208-277 Vac/120 Vac Coil,
NEMA 1 Housing



SPECIFICATIONS

Relays & Contact Type: One (1) SPDT Continuous Duty Coil (RIB2421B)
One (1) SPST Continuous Duty Coil (RIB2421SB)

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

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: Yes (RIB2421SB)

No (RIB2421B)

Contact Ratings:

20 Amp Resistive @ 277 Vac

5 Amp Resistive @ 480 Vac

20 Amp Ballast @ 277 Vac

16 Amp Electronic Ballast @ 277 Vac (N/O) (RIB2421SB)

Not rated for Electronic Ballast (RIB2421SB)

10 Amp Tungsten @ 120 Vac (N/O)

770 VA Pilot Duty @ 120 Vac

1,110 VA Pilot Duty @ 277 Vac

2 HP @ 277 Vac

1 HP @ 120 Vac

Coil Current:

83 mA @ 24 Vac

47 mA @ 120 Vac

69 mA @ 208-277 Vac

47 mA @ 30 Vdc

Coil Voltage Input:

24 Vac/dc; 208-277 Vac;

120 Vac; 50-60 Hz

Drop Out = 2.1 Vac / 3.8 Vdc

Pull In = 18 Vac / 22 Vdc

Notes:

• Order RIB2421SB Normally Closed by adding "-NC" to end of model number

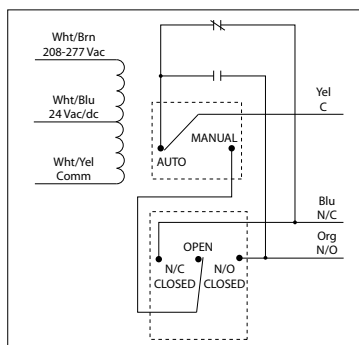
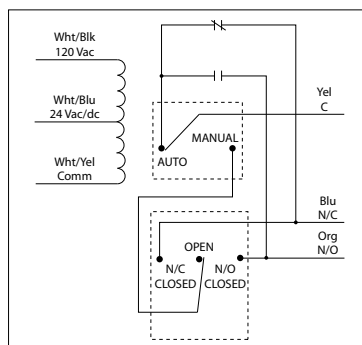
20 AMP POWER CONTROL RELAYS

RIB2401SBC

Power Relay, 20 Amp SPDT + Override,
24 Vac/dc/120 Vac Coil, NEMA 1 Housing

RIB2402SBC

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



SPECIFICATIONS

Relays & Contact Type: One (1) SPDT 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

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, C-UL

California State Fire Marshal, CE, RoHS

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

Gold Flash: No

Override Switch: Yes (2)

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)

770 VA Pilot Duty @ 120 Vac

1,110 VA Pilot Duty @ 277 Vac

2 HP @ 277 Vac

1 HP @ 120 Vac

Coil Current:

50 mA @ 18 Vac

83 mA @ 24 Vac

47 mA @ 120 Vac (RIB2401SBC)

69 mA @ 208-277 Vac (RIB2402SBC)

33 mA @ 22 Vdc

35 mA @ 24 Vdc

47 mA @ 30 Vdc

Coil Voltage Input:

24 Vac/dc; 120 Vac; 50-60 Hz (RIB2401SBC)

24 Vac/dc; 208-277 Vac; 50-60 Hz (RIB2402SBC)

Drop Out = 2.1 Vac / 3.8 Vdc

Pull In = 18 Vac / 22 Vdc