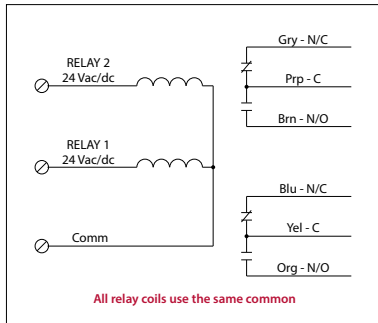


20 AMP POWER CONTROL RELAYS

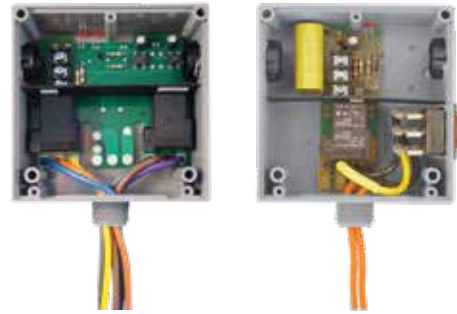
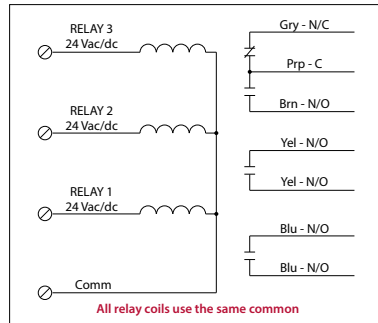
RIBT242B

Power Relays, 20 Amp 2 SPDT, 24 Vac/dc Coil, Hi/Lo Voltage Separation, NEMA 1 Housing



RIBT243B

Power Relays, 20 Amp 2 SPST-N/O + 1 SPDT, 24 Vac/dc Vac Coil, Hi/Lo Voltage Separation, NEMA 1 Housing



RELAYS

SPECIFICATIONS

- # Relays & Contact Type:** Two (2) SPDT Continuous Duty Coil (RIBT242B)
Two (2) SPST + One (1) SPDT Continuous Duty Coil (RIBT243B)
- 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 1.800"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, C-UL, CE, RoHS (Both Models)
UL916 (RIBT243B)
UL864, California State Fire Marshal (RIBT242B)
- Housing Rating:** UL Accepted for Use in Plenum, NEMA 1
- Gold Flash:** No
- Override Switch:** No

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)
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
33 mA @ 22 Vdc
35 mA @ 24 Vdc
47 mA @ 30 Vdc

Notes:

• RIBT243B not rated for UL864

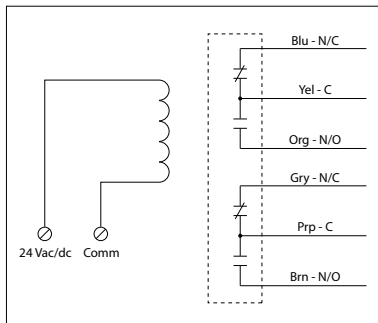
Coil Voltage Input:

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

20 AMP POWER CONTROL RELAY

RIBT24P

Power Relay, 20 Amp DPDT, 24 Vac/dc Coil, Hi/Lo Voltage Separation, 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 1.800"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:

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