RIB Building Automation

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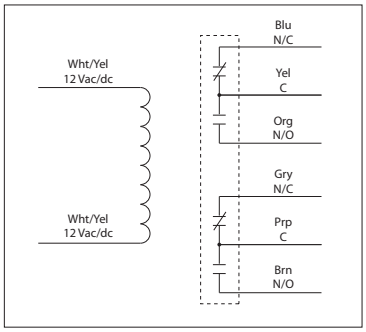
20 AMP POWER CONTROL RELAYS

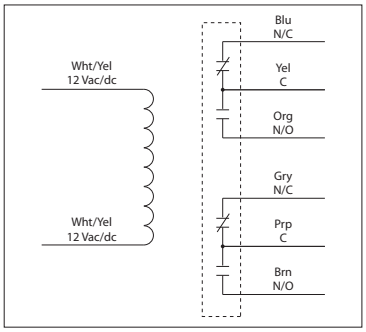
RIB12P

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