RIB Building Automation

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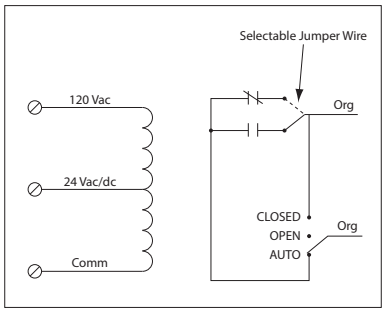
20 AMP POWER CONTROL RELAYS

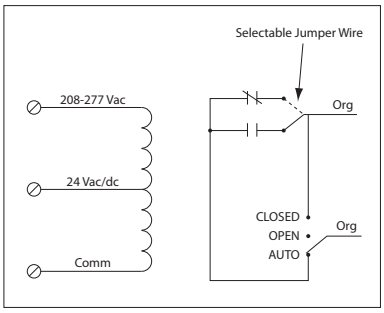
RIBT2401SB

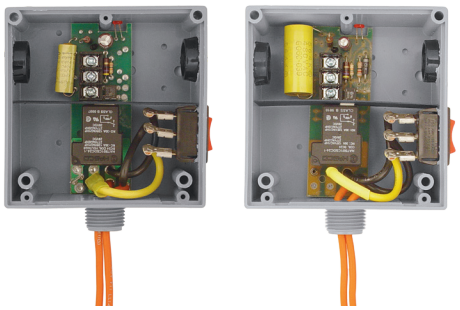
Power Relay, 20 Amp SPST + Override,
24 Vac/dc/120 Vac Coil, Hi/Lo Voltage
Separation, NEMA 1 Housing



RIBT2402SB

Power Relay, 20 Amp SPST + Override,
24 Vac/dc/208-277 Vac Coil, Hi/Lo Voltage
Separation, NEMA 1 Housing





SPECIFICATIONS

 # Relays & Contact Type: One (1) SPST 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, C-UL, CE, RoHS (RIBT2401SB)
UL Listed, UL916, UL864, C-UL
California State Fire Marshal, CE, RoHS (RIBT2402SB)
Housing Rating: UL Accepted for Use in Plenum, NEMA 1
Gold Flash: No
Override Switch: Yes

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)
1,110 VA Pilot Duty @ 277 Vac
770 VA Pilot Duty @ 120 Vac
2 HP @ 277 Vac
1 HP @ 120 Vac

Coil Voltage Input:
24 Vac/dc ; 120 Vac ; 50-60 Hz (RIBT2401SB)
24 Vac/dc ; 208-277 Vac ; 50-60 Hz (RIBT2402SB)
Drop Out = 2.1 Vac / 3.8 Vdc
Pull In = 18 Vac / 22 Vdc

Coil Current:
50 mA @ 18 Vac
83 mA @ 24 Vac
47 mA @ 120 Vac (RIBT2401SB)
69 mA @ 208-277 Vac (RIBT2402SB)
33 mA @ 22 Vdc
35 mA @ 24 Vdc
47 mA @ 30 Vdc

Notes:
- Normally Open or Normally Closed selected by yellow jumper wire