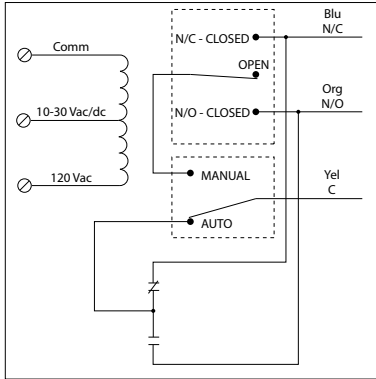


10 AMP PILOT CONTROL RELAYS

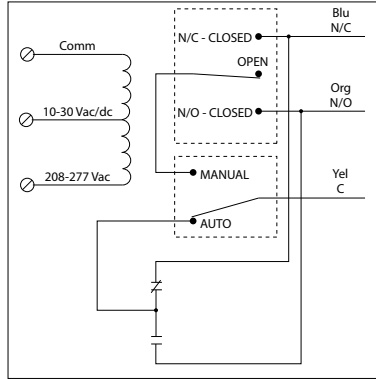
RIBTU1SC

Pilot Relay, 10 Amp SPDT + Override,
10-30 Vac/dc/120 Vac Coil, Hi/Lo Voltage
Separation, NEMA 1 Housing



RIBTH1SC

Pilot Relay, 10 Amp SPDT + Override,
10-30 Vac/dc/208-277 Vac Coil, Hi/Lo Voltage
Separation, NEMA 1 Housing



RELAYS

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: 20ms
Relay Status: LED On = Activated
Dimensions: 4.00"H x 4.00"W x 1.81"D with 0.50"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
Housing Rating: UL Accepted for Use in Plenum, NEMA 1
Gold Flash: Yes
Override Switch: Yes (2)

Contact Ratings:
 10 Amp Resistive @ 277 Vac
 480 VA Pilot Duty @ 277 Vac
 480 VA Ballast @ 277 Vac
Not rated for Electronic Ballast
 600 Watt Tungsten @ 120 Vac (N/O)
 240 Watt Tungsten @ 120 Vac (N/C)
 1/3 HP @ 120-240 Vac (N/O)
 1/6 HP @ 120-240 Vac (N/C)
 1/4 HP @ 277 Vac (N/O)
 1/8 HP @ 277 Vac (N/C)

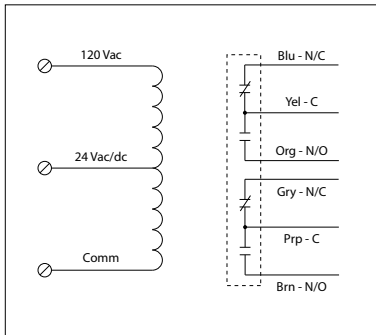
Coil Current:
 33 mA @ 10 Vac 13 mA @ 10 Vdc
 35 mA @ 12 Vac 15 mA @ 12 Vdc
 46 mA @ 24 Vac 18 mA @ 24 Vdc
 55 mA @ 30 Vac 20 mA @ 30 Vdc
 28 mA @ 120 Vac (RIBTU1SC)
 39 mA @ 208-277 Vac (RIBTH1SC)

Coil Voltage Input:
 10-30 Vac/dc; 120 Vac; 50-60 Hz (RIBTU1SC)
 10-30 Vac/dc; 208-277 Vac; 50-60 Hz (RIBTH1SC)
 Drop Out = 2.1 Vac / 2.8 Vdc
 Pull In = 9 Vac / 10 Vdc

10 AMP PILOT CONTROL RELAY

RIBT2401D

Pilot Relay, 10 Amp DPDT, 24 Vac/dc/
120 Vac 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: 8ms
Relay Status: LED On = Activated
Dimensions: 4.00"H x 4.00"W x 1.81"D with 0.50"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, RoHS
Housing Rating: UL Accepted for Use in Plenum, NEMA 1
Gold Flash: No
Override Switch: No

Contact Ratings:
 10 Amp Resistive @ 30 Vdc
 10 Amp General Use @ 277 Vac
 1/2 HP @ 120/240 Vac (N/O)
 1/3 HP @ 120/240 Vac (N/C)
B300 Pilot Duty
 120 Vac 30A Make 3A Break (360 VA)
 240 Vac 15 A Make 1.5A Break (360 VA)
 208 Vac 17.3A Make 1.73A Break (360 VA)
 277 Vac 13A Make 1.3A Break (360 VA)
 24 Vac 30A Make 5A Break (120VA) 5A Max

Coil Current:
 24 mA @ 18 Vac
 32 mA @ 24 Vac
 40 mA @ 30 Vac
 31 mA @ 120 Vac
 20 mA @ 20 Vdc
 24 mA @ 24 Vdc
 36 mA @ 30 Vdc

Coil Voltage Input:
 24 Vac/dc; 120 Vac; 50-60 Hz
 Drop Out = 3 Vac / 3.8 Vdc
 Pull In = 18 Vac / 20 Vdc