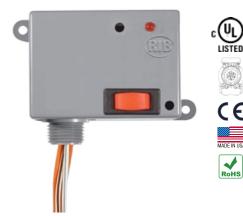




Functional Devices, Inc.

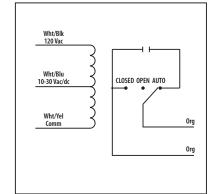
310 South Union Street Russiaville, IN 46979 www.FunctionalDevices.com Office 765.883.5538 Sales 800.888.5538 Fax 765.883.7505 Email sales@FunctionalDevices.com



10 Amp Pilot Control Relays

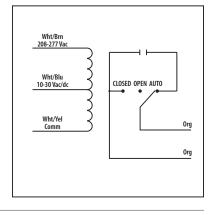
RIBU1S Enclosed Relay 10 A

Enclosed Relay 10 Amp SPST-N/0 + Override with 10-30 Vac/dc/120 Vac Coil



RIBH1S

Enclosed Relay 10 Amp SPST-N/O + Override with 10-30 Vac/dc/208-277 Vac Coil



SPECIFICATIONS

 # Relays & Contact Type: One (1) SPST Continuous Duty Coil Expected Relay Life: 10 million cycles minimum mechanical Operating Temperature: -30 to 140° F
 Operate Time: 20MS
 Relay Status: LED On = Activated
 Dimensions: 2.30" x 3.20" x 1.80" with .50" NPT nipple
 Wires: 16", 600V Rated
 Approvals: UL Listed, UL916, UL864, C-UL California State Fire Marshal, CE, RoHS
 Housing Rating: Plenum, NEMA 1 Gold Flash: Yes
 Override Switch: Yes

Contact Ratings:

10 Amp Resistive @ 277 Vac 480 VA Pilot Duty @ 277 Vac 480 VA Ballast @ 277 Vac 600 Watt Tungsten @ 120 Vac N/O 240 Watt Tungsten @ 120 Vac N/C 1/3 HP for N/O @ 120-240 Vac 1/6 HP for N/C @ 120-240 Vac 1/4 HP for N/O @ 277 Vac 1/8 HP for N/C @ 277 Vac

Coil Voltage Input:

10-30 Vac/dc ; 120 Vac ; 50-60 Hz (RIBU1S) 10-30 Vac/dc ; 208-277 Vac ; 50-60 Hz (RIBH1S) Drop Out = 2.1 Vac / 2.8 Vdc Pull In = 9 Vac / 10 Vdc

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 (RIBU1S)
 30 MA
 30 Vdc

Notes:

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

» Order with Momentary Override Switch by adding "-MNO" to end of model number

Notes





Functional Devices, Inc.

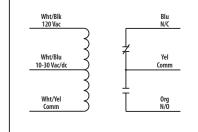
310 South Union Street Russiaville, IN 46979 www.FunctionalDevices.com Office 765.883.5538 Sales 800.888.5538 Fax 765.883.7505 Email sales@FunctionalDevices.com



10 Amp Pilot Control Relays

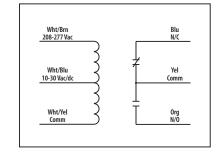
RIBU1C

Enclosed Relay 10 Amp SPDT with 10-30 Vac/dc/ 120 Vac Coil



RIBH1C

Enclosed Relay 10 Amp SPDT with 10-30 Vac/dc/ 208-277 Vac Coil



SPECIFICATIONS

 # Relays & Contact Type: One (1) SPDT Continuous Duty Coil Expected Relay Life: 10 million cycles minimum mechanical Operating Temperature: -30 to 140° F Operate Time: 20mS Relay Status: LED On = Activated Dimensions: 1.70″ x 2.80″ x 1.50″ with .50″ NPT nipple Wires: 16″, 600V Rated Approvals: UL Listed, UL916, UL864, C-UL California State Fire Marshal, CE, RoHS Housing Rating: Plenum, NEMA 1 Gold Flash: Yes Override Switch: No Contact Ratings: 10 Amp Resistive @ 277 Vac 10 Amp Resistive @ 28 Vdc 480 VA Pilot Duty @ 240-277 Vac 480 VA Ballast @ 277 Vac 600 Watt Tungsten @ 120 Vac N/O 240 Watt Tungsten @ 120 Vac N/C 1/3 HP for N/O @ 120-240 Vac 1/6 HP for N/C @ 277 Vac 1/8 HP for N/O @ 277 Vac

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 (RIBU1C)
 39 mA @
 208-277 Vac (RIBH1C)

Coil Voltage Input:

10-30 Vac/dc ; 120 Vac ; 50-60 Hz (RIBU1C) 10-30 Vac/dc ; 208-277 Vac ; 50-60 Hz (RIBH1C) Drop Out = 2.1 Vac / 2.8 Vdc Pull In = 9 Vac / 10 Vdc

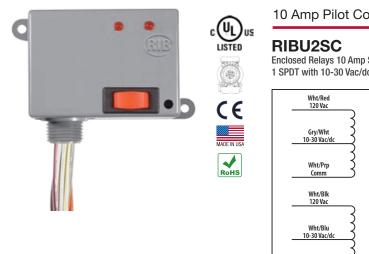
Notes





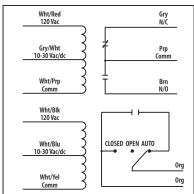
Functional Devices, Inc.

310 South Union Street Russiaville, IN 46979 www.FunctionalDevices.com Office 765.883.5538 Sales 800.888.5538 Fax 765.883.7505 Email sales@FunctionalDevices.com



10 Amp Pilot Control Relay

Enclosed Relays 10 Amp SPST-N/0 + Override + 1 SPDT with 10-30 Vac/dc/120 Vac Coil



SPECIFICATIONS

# Relays & Contact Type:	One (1) SPST + One (1) SPDT	Contact Ratings:
	Continuous Duty Coil	10 Amp Resistive @ 277 Vac
Expected Relay Life:	10 million cycles minimum mechanical	480 VA Pilot Duty @ 277 Vac
Operating Temperature:	-30 to 140° F	480 VA Ballast @ 277 Vac
Operate Time:	20mS	600 Watt Tungsten @ 120 Vac N/0
Relay Status:	LED On = Activated	240 Watt Tungsten @ 120 Vac N/C
Dimensions:	2.30" x 3.20" x 1.80" with .75" NPT nipple	1/3 HP for N/0 @ 120-240 Vac
Wires:	16", 600V Rated	1/6 HP for N/C @ 120-240 Vac
Approvals:	UL Listed, UL916, UL864, C-UL	1/4 HP for N/0 @ 277 Vac
	California State Fire Marshal, CE, RoHS	1/8 HP for N/C @ 277 Vac
Housing Rating:	Plenum, NEMA 1	
Gold Flash:	Yes	
Override Switch:	Yes (1)	

Coil Current: 33 mA @ 10 Vac 35 mA @ 12 Vac

46 mA @ 24 Vac

55 mA @ 30 Vac

28 mA @ 120 Vac

13 mA @ 10 Vdc 15 mA @ 12 Vdc 18 mA @ 24 Vdc

20 mA @ 30 Vdc

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

Notes:

- » Order Normally Closed by adding "-NC" to end of model number
- » Order with Momentary Override Switch by adding "-MNO" to end of model number

Notes