

RIBXLCRA

Enclosed Solid Ring Remote Adjustable 1.25-150 Amp Current Sensor + Relay 10 Amp SPDT with 10-30 Vac/dc Coil



Functional Devices, Inc. A600C 2005



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: 4.00" x 4.00" x 1.80" with .50" NPT Nipple
Wire Length: 16", 600V Rated
Approvals: UL Listed, UL916, UL864, C-UL Canada
 California State Fire Marshal
Housing Rating: Plenum, NEMA 1
Gold Flash: Yes
Override Switch: No
Sensor Type: External, with contact status
Sensor Threshold: Adjustable, 1.25-150 Amps
Sensor Range: 1.25-150 Amps
Sensor Output: Solid State Contact 30 Vac/dc, 0.4 Amp
Remote Dimensions: 1.863" x 1.460", .500" Inside Diameter

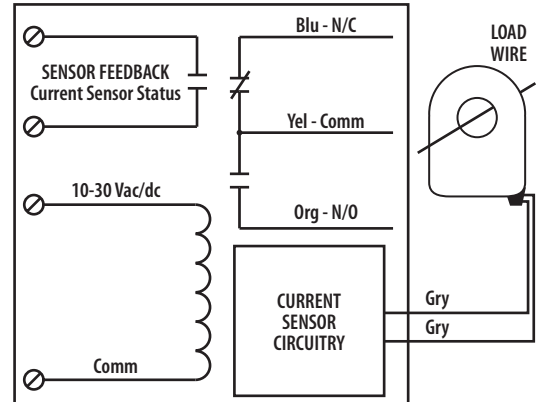
Contact Ratings:
 10 Amp Resistive @ 120-277 Vac
 10 Amp Resistive @ 28 Vdc
 480 VA Pilot Duty @ 240-277 Vac
 480 VA Ballast @ 277 Vac
 600 Watt Tungsten @ 120 Vac N/O
 240 Watt Tungsten @ 120 Vac N/C
 1/3 HP for N/O @ 120-240 Vac
 1/6 HP for N/C @ 120-240 Vac
 1/4 HP for N/O @ 277 Vac
 1/8 HP for N/C @ 277 Vac

Coil Current:
 30 mA @ 10 Vac 12 mA @ 10 Vdc
 32 mA @ 12 Vac 14 mA @ 12 Vdc
 42 mA @ 24 Vac 16 mA @ 24 Vdc
 50 mA @ 30 Vac 18 mA @ 30 Vdc

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

Solid State Contact
 30 Vac/dc, .4 Amp Max.

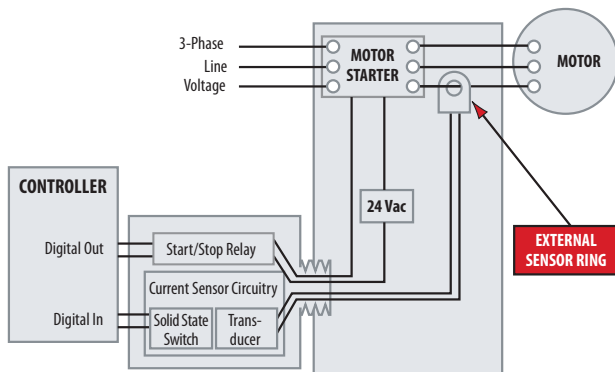
When current sensor status is off (open),
 leakage <30 uA @ 30Vac/dc
 When current sensor status is on (closed),
 voltage drop <.3 Vac/dc @ .1 Amp
 < 1.6 Vac/dc @ .4 Amp



Notes:

MOTOR STARTER

Allows relay to control a motor starter while sensing current flowing to the motor.

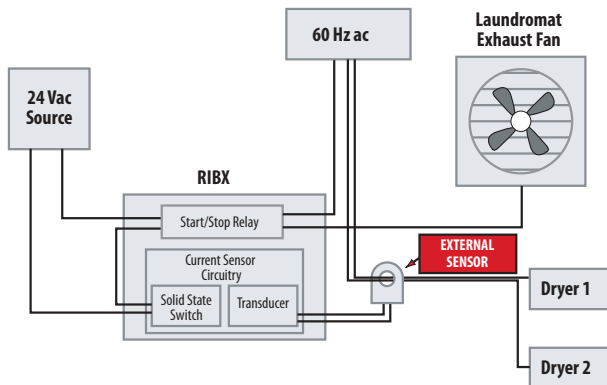


EXTERNAL SENSOR RING

RIBXLCRA
 RIBXLCRF
 RIBXLSRA
 RIBXLSRF

INTERLOCKING LOADS

Some RIBX current sensor relays can be used to sense 1 or more loads to turn on another.



EXTERNAL 10 AMP

RIBXLCRF
 RIBXLCRA
 RIBXLCJF
 RIBXLCJA
 RIBXLSRF
 RIBXLSRA
 RIBXLSJF
 RIBXLSJA