



### Functional Devices, Inc.

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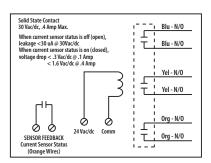




# Relay & Current Sensor Combos

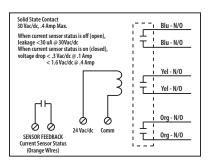
# RIBX243PF

Enclosed Internal Fixed .50-20 Amp Current Sensor + Relay 20 Amp 3PST-N/0 with 24 Vac/dc Coil



# RIBX243PA

Enclosed Internal Adjustable .50-20 Amp Current Sensor + Relay 20 Amp 3PST-N/0 with 24 Vac/dc Coil



#### SPECIFICATIONS

# Relays & Contact Type: One (1) 3PST Continuous Duty Coil Expected Relay Life: 10 million cycles minimum mechanical

Operating Temperature: -30 to 140° F Operate Time: 20mS

Relay Status: Red 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

California State Fire Marshal, CE, RoHS

Housing Rating: Plenum, NEMA 1

Gold Flash: No Override Switch: No

**Contact Ratings:** 

20 Amp Resistive @ 300 Vac, 28 Vdc 20 Amp Ballast @ 277-480 Vac 15 Amp Resistive @ 600 Vac 770 VA Pilot Duty @ 120 Vac, 1 Phase 1158 VA Pilot Duty @ 240 Vac, 1 Phase 1110 VA Pilot Duty @ 277 Vac, 1 Phase 1640 VA Pilot Duty @ 480 Vac, 1 Phase 1466 VA Pilot Duty @ 240 Vac, 3 Phase 2112 VA Pilot Duty @ 480 Vac, 3 Phase Heavy Pilot Duty @ 600 Vac 7.5 HP @ 480 Vac, 3 Phase 5 HP @ 240 Vac, 3 Phase 3 HP @ 480-600 Vac, 1 Phase

2 HP @ 240-277 Vac. 1 Phase

1 HP @ 120 Vac, 1 Phase

**Coil Current:** 

210 mA @ 24 Vac 154 mA @ 30 Vdc **Coil Voltage Input:** 24 Vac/dc; 50-60 Hz Drop Out = 3 Vac / 3.8 Vdc Pull  $\ln = 20 \, \text{Vac} / 20 \, \text{Vdc}$ 

Sensor Type: Internal, with contact status

Current sensing on orange wires

Sensor Threshold: Fixed, .5 Amps (RIBX243PF)
Adjustable, .50-20 Amps (RIBX243PA)

Sensor Range: .50-20 Amps

Sensor Output: Solid State Contact 30 Vac/dc, 0.4 Amp

#### Notes:

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

### Notes