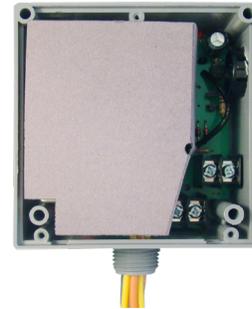
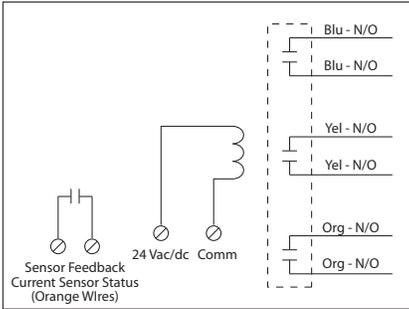


**RELAY & AC CURRENT SWITCH COMBO**

**RIBX243PF**

Current Switch and Relay Combination, 20 Amp 3PST-N/O, 24Vac/dc Coil, Internal Fixed, 0.5-20 Amp, NEMA 1 Housing



**SPECIFICATIONS**

**# Relays & Contact Type:** One (1) 3PST 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:** Red 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  
**Wire Length:** 16", 600V Rated  
**Approvals:** UL Listed, UL916, C-UL, CE, RoHS  
**Housing Rating:** UL Accepted for Use in Plenum, NEMA 1  
**Gold Flash:** No  
**Override Switch:** No

**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 In = 20 Vac / 22 Vdc

**Contact Ratings:**  
 20 Amp Resistive @ 300 Vac, 28 Vdc  
 20 Amp Ballast @ 277-480 Vac  
*Not rated for Electronic Ballast*  
 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

**Sensor Type:** Internal, with contact status  
 Current sensing on orange wires

**Sensor Threshold:** Fixed, .5 Amps  
**Sensor Range:** .50-20 Amps

**Sensor Contact:**

- 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:**

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