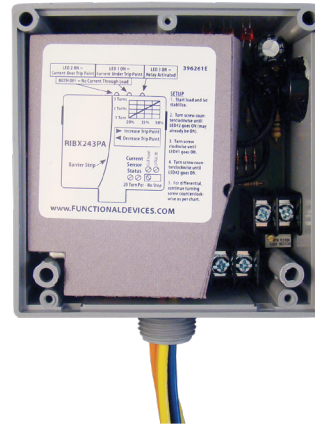
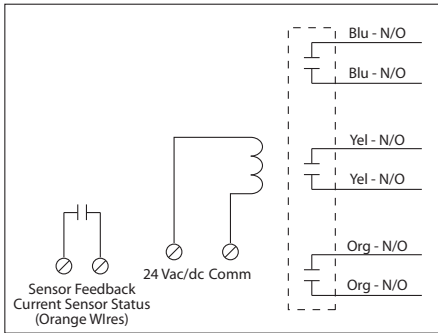


**RELAY & AC CURRENT SWITCH COMBO**

**RIBX243PA**

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



**SPECIFICATIONS**

**FUNCTIONAL DEVICES CERTIFIED FOR USE WITH ECMs**

**# 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" x 4.00" x 1.80" with .50" NPT Nipple  
**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

**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:** Adjustable, .50-20 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

**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

**Notes:**  
 • Order Normally Closed by adding "-NC" to end of model number