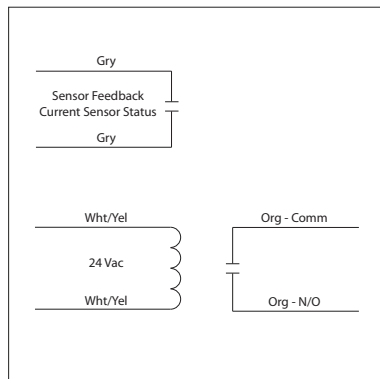


RELAY & AC CURRENT SWITCH COMBO

RIBHX24BF

Enclosed 20 Amp SPST-N/O Relay/AC Sensor Combination, with 24 Vac Coil



CURRENT
SENSORS

SPECIFICATIONS

FUNCTIONAL DEVICES CERTIFIED FOR USE WITH ECMs

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
Current Sensor Status: Pink LED On = Current Over Trip Point (0.25 Amp)
Dimensions: 1.70" x 2.80" x 1.50" with .50" NPT nipple
Wire Length: 16", 600V Rated
Approvals: UL Listed, UL916, C-UL
Housing Rating: UL Accepted for Use in Plenum, NEMA 1
Gold Flash: No

Sensor Type: Internal, with contact status
Sensor Threshold: Fixed, .25 Amp
Sensor Range: .25-20 Amps
Sensor Feedback Output: Solid State Contact 30 Vac/dc, 100 mA

Contact Ratings:
 20 Amp Resistive @ 277 Vac
 20 Amp Ballast @ 277 Vac
 16 Amp Electronic Ballast @ 277 Vac (N/O)
 10 Amp Tungsten @ 120 Vac (N/O)
 1,110 VA Pilot Duty @ 277 Vac
 770 VA Pilot Duty @ 120 Vac
 2 HP @ 277 Vac
 1 HP @ 120 Vac

Coil Current:
 128 mA @ 24 Vac
 71 mA @ 30 Vdc

Coil Voltage Input:
 24 Vac ; 50-60 Hz
 Drop Out = 3 Vac
 Pull In = 18 Vac

Sensor Contact:
 • 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