

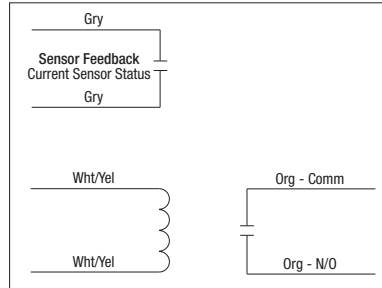
Made in USA  
Meets  
"Buy American"  
of ARRA 2009

Relay & AC Sensor Combo

**RIBHX24 Series**

Enclosed 20 Amp Relay/AC Sensor Combinations, with 24 Vac/dc Coil

**RIBHX24BF**



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

**SPECIFICATIONS**

**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, CE, RoHS  
**Housing Rating:** UL Accepted for Use in Plenum, NEMA 1  
**Gold Flash:** No

**Coil Current:**  
128 mA @ 24 Vac

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

**Notes:**  
» New models will be added to selection guide when introduced.

**RIBHX24 Series Selection Guide**

MODEL #	CURRENT SENSOR				RELAY				NOTES
	RANGE	TYPE	THRESHOLD	OUTPUT	RESISTIVE	SWITCH	CONTACT TYPE	CONTACT RATINGS	
RIBHX24BF	.25-20 Amps	Internal w/ contact status	Fixed, .25 Amp	Solid State Contact 30 Vac/dc, 100 mA	20 Amp	No	SPST-N/O	20 Amp Resistive @ 277 Vac 20 Amp 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	

Notes