# **Building** Automation

Functional Devices, Inc. 101 Commerce Drive, Sharpsville, IN 46068 Email: sales@functionaldevices.com | Website: www.functionaldevices.com Toll Free: (800) 888-5538 Office: (765) 883-5538 | Fax: (765) 883-7505 

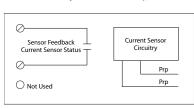
# **AC CURRENT SWITCHES**

## RIBXF

Current Switch, Fixed, 0.50-30 Amp, NEMA 1 Housing

Sensor Feedback Current Sensor Status	Current Sensor Circuitry
Ø	Prp
O Not Used	Prp

RIBXA	
Current Switch, Adjustable, 0.50-30 Amp, NEMA 1 Housing	







#### **SPECIFICATIONS**

#### Operating Temperature: -30 to 140° F Humidity Range: 5 to 95% (noncondensing) Dimensions: $4.00''H \times 4.00''W \times 1.81''D$ 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 Sensor Type: Internal, with contact status

Sensor Threshold: Fixed, .5 Amps (RIBXF); Adjustable, .50-30 Amps (RIBXA) Sensor Range: .50-30 Amps

Max Sense Voltage: 600 Vac

Sensor Contact Status: Current below threshold: Open / LED OFF Current above threshold: Closed / LED ON

### Sensor Contact:

- Solid State Contact
- 30 Vac/dc, .4 Amp Max. • When sensor contact is off
- voltage drop < .3 Vac/dc @ .1 Amp < 1.6 Vac/dc @ .4 Amp (open), leakage <30 uA @ 30Vac/dc

• When sensor contact is on (closed),