



**Functional  
Devices, Inc.**

Functional Devices, Inc.  
101 Commerce Drive  
Sharpsville, IN 46068  
Phone: (800) 888-5538

**SENSOR OUTPUT**

Maximum 30Vac/dc  
Maximum .4A

**SENSOR RANGE**

3-150A, Maximum 150A



# Bulletin B527

• RIBMXRA 393018B

LED ON = RELAY ACTIVATED

**TYPE F, G, EM**

General Signaling  
Equip. NM

For use with:

Dry Indoor Use

Smoke Control System

SIGNALING



1. Start load and let stabilize.
2. Turn screw counterclockwise until LED#1 goes ON (may already be ON).
3. Turn screw clockwise until LED#2 goes ON.
4. Turn screw counterclockwise until LED#1 goes ON.
5. For differential, continue turning screw counterclockwise (approx. 30% of current per turn).

Decrease Trip Point ←  
Increase Trip Point →  
20 turn pot - no stop



← SENSOR  
ADJUSTMENT POT

3 Turns

2 Turns

1 Turn



Current  
Sensor  
Status =  
Closed  
when  
LED#1 is  
ON

LED#2 = Under Trip Point

LED#1 = Over Trip Point

Not Used



**SENSOR INPUT**

Must be in series w/ load  
Input Range = 0.5-20A



**CAUTION: RISK OF ELECTRIC SHOCK - MORE THAN ONE DISCONNECT  
MAY BE REQUIRED TO DEENERGIZE THE DEVICE BEFORE SERVICING.**