



**Functional  
Devices, Inc™**

Functional Devices, Inc.  
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**TYPE F, G, EM**  
For use with:  
Smoke Control System  
General Signaling Equip. NM  
Dry Indoor Use



# Bulletin B544

• RIBMX24SBV 393025C

### CONTACT RATINGS

20A Res. @ 277 Vac  
20A Ball. @ 120/277Vac (N/O)  
10A Ball. @ 277Vac (N/C)  
16A Elect. Ball. @ 277Vac (N/O)  
10A Tung. @ 120Vac (N/O)  
2A Tung. @ 120Vac (N/C)  
1 HP @ 120 Vac  
2 HP @ 277 Vac  
770 VA Pilot @ 120 Vac  
1110 VA Pilot @ 277 Vac

### COIL INPUT

47 mA @ 30 Vdc  
83 mA @ 24 Vac

For supply connections, use #12 AWG or larger wires rated for at least 75°C (167°F)

### SENSOR RANGE

0-20A ; Max Relay Current=20A

FACTORY CALIBRATED



RELAY CONTACTS

### VOLTAGE OUTPUT

- 10Vdc OUTPUT
- 5Vdc OUTPUT
- Common OUTPUT
- RELAY COIL INPUT  
24 Vdc/ac

Proportional to load current range.  
Min. Impedance = 30K ohms  
Accuracy +/- full scale  
Vripple < 10mVdc

- Not Used
- N/O
- N/O

Can be changed to Normally Closed by moving yellow jumper to N/C

LED#1 ON =   
Relay Activated



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