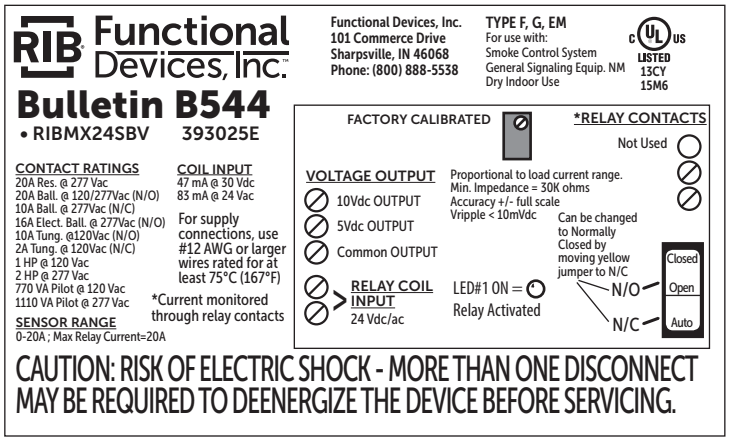
RIB Functional Devices, Inc.
Bulletin B544
• RIBMX24SBV 393025E
Functional Devices, Inc.
101 Commerce Drive
Sharpsville, IN 46068
Phone: (800) 888-5538
TYPE F, G, EM
For use with:
Smoke Control System
General Signaling Equip. NM
Dry Indoor Use
c UL us LISTED 13CY 15M6
CONTACT RATINGS
20A Res. @ 277 Vac
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
SENSOR RANGE
0-20A ; Max Relay Current=20A
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)
*Current monitored through relay contacts
FACTORY CALIBRATED
*RELAY CONTACTS
Not Used
VOLTAGE OUTPUT
10Vdc OUTPUT
5Vdc OUTPUT
Common OUTPUT
Proportional to load current range.
Min. Impedance = 30K ohms
Accuracy +/- full scale
Vripple < 10mVdc
Can be changed to Normally Closed by moving yellow jumper to N/C
RELAY COIL INPUT
24 Vdc/ac
LED#1 ON = Relay Activated
N/O
N/C
Closed
Open
Auto
CAUTION: RISK OF ELECTRIC SHOCK - MORE THAN ONE DISCONNECT MAY BE REQUIRED TO DEENERGIZE THE DEVICE BEFORE SERVICING.