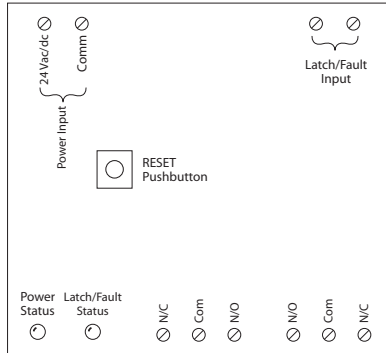


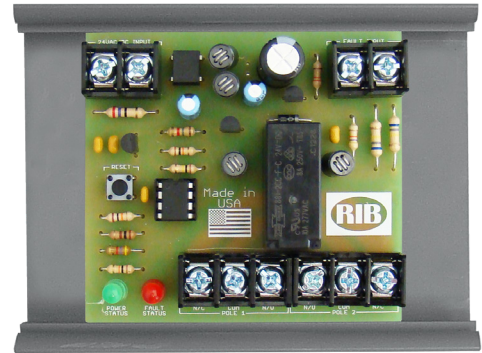
FAN SAFETY ALARM CIRCUIT

RIBMNLB-1

2.75" Track Mount General Purpose Latching Logic Circuit; One Latching/Fault Input (Dry Contact, Class 2); 24 Vac/dc Power Input



- MANUAL RESET
- ONE ALARM OUTPUT
- ONE RELAY OUTPUT



RELAYS

SPECIFICATIONS

- # Relays & Contact Type: One (1) DPDT Continuous Duty Coil
- Expected Relay Life: 10 million cycles minimum mechanical
- Operating Temperature: -30 to 140° F
- Humidity Range: 5 to 95% (noncondensing)
- Operate Time: 8ms
- Green LED: Power Status (ON: Power present)
- Red LED: Fault Status (ON: Latched/Fault State)
- Dimensions: 4.00" x 2.75" x 1.25"
- Track Mount: MT212-4 Mounting Track Provided
- Approvals: CE, UL Listed, UL864, C-UL, RoHS
- Gold Flash: No
- Relay Override Switch: No
- Fault Reset Switch: Yes

- Contact Ratings:**
- 10 Amp Resistive @ 30Vdc
- 10 Amp General Use @ 277Vac
- 1/2 HP @ 120/240Vac (N/O)
- 1/3 HP @ 120/240Vac (N/C)
- Power Input Ratings:**
- 53 mA @ 24Vac
- 25 mA @ 24Vdc
- 50/60 Hz

Alarm Fault Application:
 When the Latch/Fault Input is Closed (Normal state), the Relay is activated, and Red LED is Off. When Latch/Fault Input Opens (Alarm state), the Relay deactivates, and Red LED turns On. Until the Latch/Fault Input is Closed AND either power is cycled or the RESET button is pressed, relay will remain in the Alarm state.

- Notes:**
- Fault conditions must last for at least 500 ms in order for the unit to go into Alarm state.
 - Reset signal, whether via pushbutton or power cycling, must last for at least 30 ms in order to reset the device to go from Alarm state to Normal state.