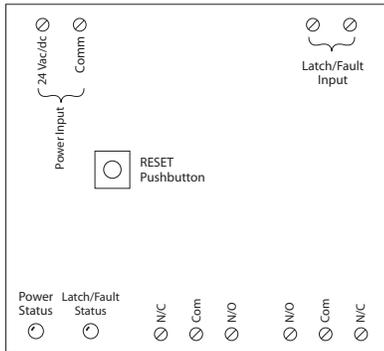


RIBMNLB-1

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

Fan Safety Alarm Circuit



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.