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FAN SAFETY ALARM CIRCUIT

RIBMNLB-1

General Purpose Latching Logic Circuit, One Latching/Fault Input, One Relay Output, 24 Vac/dc Power Input, 2.75" Track Mount

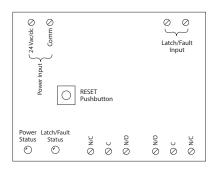












• MANUAL RESET
• ONE ALARM OUTPUT
• ONE RELAY OUTPUT

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: 3.00"H x 2.75"W x 0.75"D1/1.25"D2
Housing Detail: See Housing H in housing guide for dimensions

Origin: Made of US and non-US parts

Track Mount: MT212-4 Mounting Track Provided

Approvals: CE, UL Listed, UL864, C-UL, RoHS, CSFM

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.

