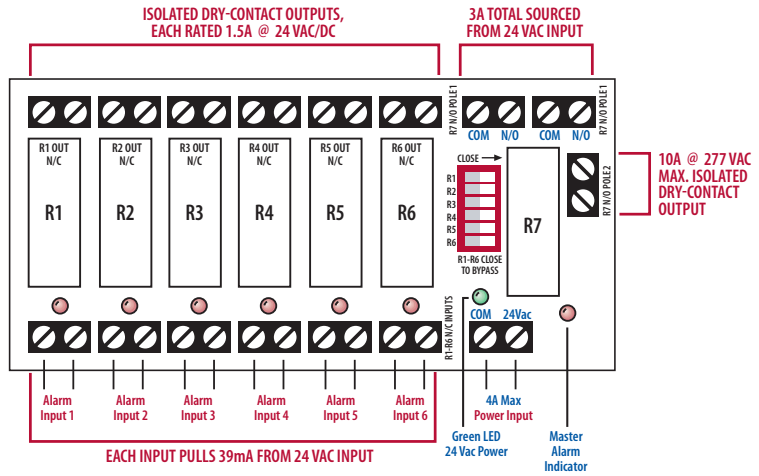




Fan Safety Alarm Circuits

**RIBMNLB-6/-4/-2**  
2.75" Track Mount AHU Fan Safety Alarm and General Purpose Logic Circuit, 24 Vac Power

**RIBLB-6/-4/-2**  
Enclosed AHU Fan Safety Alarm and General Purpose Logic Circuit, 24 Vac Power



**SPECIFICATIONS**

- Expected Relay Life: 10 million cycles minimum mechanical
- Operating Temperature: -30 to 140° F
- Operate Time: 8mS
- Power Input: 4 Amp @ 24 Vac ; 50-60 Hz
- Alarm Status: LED On = Activated
- Dimensions: 6.000" x 2.750" x 1.750" (RIBMNLB-6)  
3.200" x 2.750" x 1.750" (RIBMNLB-4)  
4.740" x 2.750" x 1.750" (RIBMNLB-2)  
4.28" x 7.00" x 2.00" with .75" NPT Nipple (RIBLB-6/-4/-2)
- Track Mount: MT212-6 Mounting Track Provided
- Housing Rating: UL Listed, NEMA 1, C-UL, CE Approved, Plenum, Also available NEMA 4 / 4X
- Approvals: UL Listed, UL916, UL864, C-UL, CE, RoHS
- Gold Flash: No
- Override Switch: No

**Notes:**

- » RIBMNLB-6 and RIBLB-6 shown above.
- » RIBMNLB-4 and RIBLB-4 have four Alarm Inputs and one Master Alarm.
- » RIBMNLB-2 and RIBLB-2 have two Alarm Inputs and one Master Alarm.

Models RIBMNLB-6, RIBMNLB-4, and RIBMNLB-2; and RIBLB-6, RIBLB-4, and RIBLB-2 are simply devices that combine a common relay-logic function into a small, easy-to-install, and less expensive form.

A master relay will open if any one of the normally-closed (N/C) inputs opens. There are six, four, or two inputs depending on the model chosen. LED status of all inputs, the master relay, and power input is provided. Bypass of un-used inputs is also provided. The RIBMNLB series is provided with mounting track for mounting in user-provided electrical enclosures. The RIBLB series is enclosed in a NEMA-1, 4" x 7" enclosure with a clear lid to allow viewing of the status LEDs. The master relay has three general-purpose outputs: two 24 Vac output terminals and one dry-contact output rated up to 10 Amp 277 Vac (terminals on RIBMNLB series, wires on RIBLB series.)

The most common application is an Air Handling Unit (AHU) fan-safety-shutdown where the master relay is used to shutdown the fan. Contact closure outputs are provided so that a DDC controller can determine the cause of a shutdown.

**SELECTION GUIDE**

MODEL #	INPUTS	
RIBMNLB-6	6	MT212 Mounting Track
RIBMNLB-4	4	MT212 Mounting Track
RIBMNLB-2	2	MT212 Mounting Track
RIBLB-6	6	PE6020 Enclosure
RIBLB-4	4	PE6020 Enclosure
RIBLB-2	2	PE6020 Enclosure

