

**Functional
Devices, Inc.**

RIB®

RIBMW24SB-LNT2

www.FunctionalDevices.com

Bulletin B1051 • 393090D

CONTACT RATINGS

20 Amp Resistive @ 277 Vac
1 HP @ 120 Vac
2 HP @ 277 Vac
20A Ballast @ 277 Vac (N/O)
10A Ballast @ 277 Vac (N/C)
10A Tungsten @ 120 Vac (N/O)

POWER INPUT

24 Vac/dc = Terminal Strip

POWER INPUT RATINGS

24 Vac, 111mA Max
24 Vdc, 81mA Max

CONTACT OUTPUT Terminals

Energy Management Equip.

FOR SUPPLY CONNECTIONS USE #12AWG WIRES OR
LARGER RATED FOR AT LEAST 75°C(167°F).

**CAUTION: RISK OF ELECTRIC SHOCK - MORE THAN ONE DISCONNECT
MAY BE REQUIRED TO DEENERGIZE THE DEVICE BEFORE SERVICING.**

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LONMARK^{3.4}



CE

UL US
LISTED
15M6

Class 2
Dry Contact
Binary Input

Service Button 
Use an insulated tool to
activate service button.

- YELLOW LED = Service
- PINK LED = Binary Input Status
- RED LED = Relay Activated
- GREEN LED = Network Status

LON
 LON
 24 Vac/dc
 Com

Connect Yellow Jumper
to N/O or N/C

+5 V
AI Com
(typically not used)
Analog-In

5 V 
10 V  OPEN

CLOSED 
OPEN 
AUTO 
Contacts 

N/O
 N/C

*

Connect Precon® PN ST-R24,
10K @ 77°F(25°C), Type 2,
Model 24 (or equivalent) to
Thermistor terminals:
+5 Vdc and Analog-In. Set
DIP switch to 5V (see below.)

ANALOG-IN

(Close only one switch)

10 V

SW 1 Closed ↑	SW 2 Open ↓
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5 V

SW 1 Open ↓	SW 2 Closed ↑
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