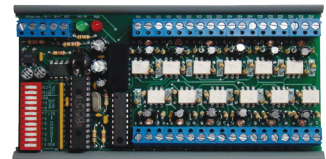
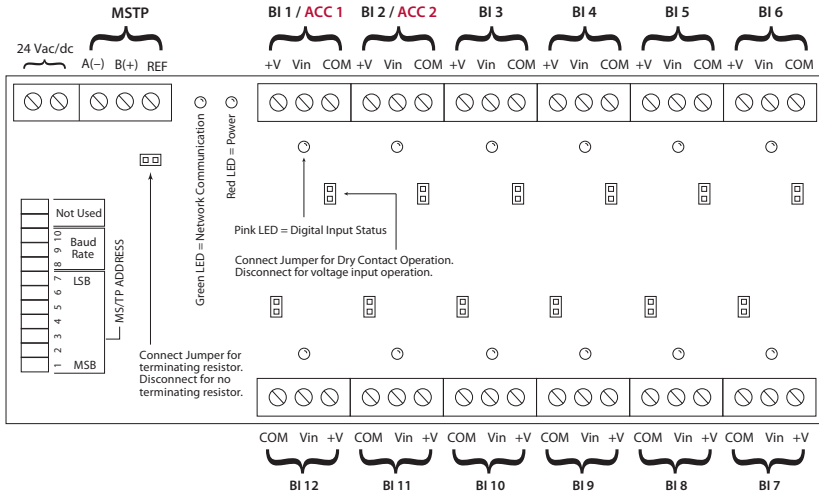


RIBMNWD12-BC

2.75" Track Mount BACnet® MS/TP Network 12 Binary Input Device (With Accumulators)

Network Compatible Device



• Two (accumulator) inputs can be used for power monitoring or other pulse counting application.

Specifications

Operating Temperature: -30 to 140° F
Humidity Range: 5 to 95% (noncondensing)
Green LED: Network Communication
Red LED: Power
Dimensions: 5.85" x 2.75" x 1.75"
Track Mount: MT212-6 Mounting Track Provided
Approvals: CE, RoHS

Power Input Ratings:
 41 mA @ 24 Vdc
 53 mA @ 24 Vac

Digital Input Ratings:
 Dry Contact: 3 mA @ 30 Vdc max.
 Voltage Input: 12 mA @ 25 Vac/dc max.

Max. Accumulator Frequency:
 50 Hz

Network Media: Twisted Pair 22-24AWG, shielded recommended
Terminations: Functional Devices product installed at both ends of the MS/TP network – Use 120 Ω end of line resistors. All other cases – Follow instructions from the device installed at the end of the MS/TP network.
Polarity: Network is polarity sensitive
Baud Rate: 9600, 19200, 38400, 57600, 76800, 115200 (Dip Switch Selectable)

Notes:

- MS/TP Address & Baud Rate must be set prior to power up via DIP switches.
- Device ID will default to 277XXX where XXX is the MS/TP Address. Examples:

MS/TP Address - 004 Device ID - 277004	MS/TP Address - 121 Device ID - 277121
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- Device ID can be changed via network command. Once changed, it will no longer default to 277XXX. (MS/TP Address & Device ID must be unique.)
- PIC Statement Available for Download
- Device Instance changed via Object Identifier Property of Device Object

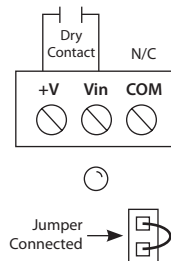
Objects included in device are:

- BI 1 (Binary input) } Use Same
- ACC 1 (Accumulator) } Physical Input
- BI 2 (Binary input) } Use Same
- ACC 2 (Accumulator) } Physical Input
- BI 3 (Binary input)
- BI 4 (Binary input)
- BI 5 (Binary input)
- BI 6 (Binary input)
- BI 7 (Binary input)
- BI 8 (Binary input)
- BI 9 (Binary input)
- BI 10 (Binary input)
- BI 11 (Binary input)
- BI 12 (Binary input)

DIP Switches			Baud Rate
8	9	10	
0	0	0	9600
0	0	1	19200
0	1	0	38400
0	1	1	57600
1	0	0	76800
1	0	1	115200

All other combinations=9600 baud

Example of Dry Contact Input Operation



Example of Voltage Input Operation

