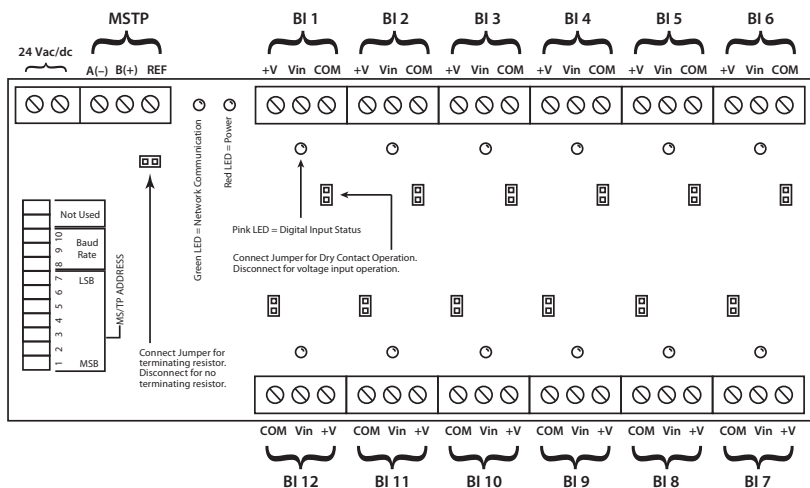


RIBMNWD12-BCDI

Bulletin B1422 • 393166C

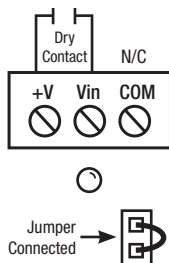
Version 1.52; Version 1.39



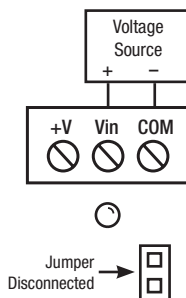
Notes:

- » To activate inputs with a dry contact source, close connection from +V to Vin and connect the respective jumper for that input.
- » To activate inputs with a voltage source, disconnect the respective jumper for that input and connect Vin to positive of signal and COM to negative of signal. Voltage source can be 5-25 Vac/dc.

Example of Dry Contact Input Operation



Example of Voltage Input Operation



MS/TP Address Setting

| MS/TP Address | DIP Switch | | | | | | |
|---------------|------------|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 6 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 7 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 10 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 11 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 12 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| 13 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| 14 | 0 | 0 | 0 | 1 | 1 | 1 | 0 |
| 15 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 16 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 18 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| 19 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 20 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| 21 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 22 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| 23 | 0 | 0 | 1 | 0 | 1 | 1 | 1 |
| 24 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 25 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 26 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 27 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 28 | 0 | 0 | 1 | 1 | 1 | 0 | 0 |
| 29 | 0 | 0 | 1 | 1 | 1 | 0 | 1 |
| 30 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |
| 31 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| 32 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 33 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 34 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| 35 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| 36 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| 37 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 38 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| 39 | 0 | 1 | 0 | 0 | 1 | 1 | 1 |
| 40 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 41 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| 42 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 43 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 44 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| 45 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 46 | 0 | 1 | 0 | 1 | 1 | 1 | 0 |

| MS/TP Address | DIP Switch | | | | | | |
|---------------|------------|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 47 | 0 | 1 | 0 | 1 | 1 | 1 | 1 |
| 48 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 49 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| 50 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 51 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 52 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 53 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 54 | 0 | 1 | 1 | 0 | 1 | 1 | 0 |
| 55 | 0 | 1 | 1 | 0 | 1 | 1 | 1 |
| 56 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 57 | 0 | 1 | 1 | 1 | 0 | 0 | 1 |
| 58 | 0 | 1 | 1 | 1 | 0 | 1 | 0 |
| 59 | 0 | 1 | 1 | 1 | 0 | 1 | 1 |
| 60 | 0 | 1 | 1 | 1 | 1 | 0 | 0 |
| 61 | 0 | 1 | 1 | 1 | 1 | 0 | 1 |
| 62 | 0 | 1 | 1 | 1 | 1 | 1 | 0 |
| 63 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 64 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 66 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 67 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| 68 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| 69 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| 70 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| 71 | 1 | 0 | 0 | 0 | 1 | 1 | 1 |
| 72 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| 73 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| 74 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 75 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 76 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 77 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 78 | 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| 79 | 1 | 0 | 0 | 1 | 1 | 1 | 1 |
| 80 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 81 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 82 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 83 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 84 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 85 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 86 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 87 | 1 | 0 | 1 | 0 | 1 | 1 | 1 |
| 88 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| 89 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| 90 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 91 | 1 | 0 | 1 | 1 | 0 | 1 | 1 |
| 92 | 1 | 0 | 1 | 1 | 1 | 0 | 0 |
| 93 | 1 | 0 | 1 | 1 | 1 | 0 | 1 |

| MS/TP Address | DIP Switch | | | | | | |
|---------------|------------|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 94 | 1 | 0 | 1 | 1 | 1 | 1 | 0 |
| 95 | 1 | 0 | 1 | 1 | 1 | 1 | 1 |
| 96 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 97 | 1 | 1 | 0 | 0 | 0 | 0 | 1 |
| 98 | 1 | 1 | 0 | 0 | 0 | 1 | 0 |
| 99 | 1 | 1 | 0 | 0 | 0 | 1 | 1 |
| 100 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| 101 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 102 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |
| 103 | 1 | 1 | 0 | 0 | 1 | 1 | 1 |
| 104 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| 105 | 1 | 1 | 0 | 1 | 0 | 0 | 1 |
| 106 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |
| 107 | 1 | 1 | 0 | 1 | 0 | 1 | 1 |
| 108 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| 109 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
| 110 | 1 | 1 | 0 | 1 | 1 | 1 | 0 |
| 111 | 1 | 1 | 0 | 1 | 1 | 1 | 1 |
| 112 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 113 | 1 | 1 | 1 | 0 | 0 | 0 | 1 |
| 114 | 1 | 1 | 1 | 0 | 0 | 1 | 0 |
| 115 | 1 | 1 | 1 | 0 | 0 | 1 | 1 |
| 116 | 1 | 1 | 1 | 0 | 1 | 0 | 0 |
| 117 | 1 | 1 | 1 | 0 | 1 | 0 | 1 |
| 118 | 1 | 1 | 1 | 0 | 1 | 1 | 0 |
| 119 | 1 | 1 | 1 | 0 | 1 | 1 | 1 |
| 120 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 121 | 1 | 1 | 1 | 1 | 0 | 0 | 1 |
| 122 | 1 | 1 | 1 | 1 | 0 | 1 | 0 |
| 123 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| 124 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 125 | 1 | 1 | 1 | 1 | 1 | 0 | 1 |
| 126 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| 127 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

| Baud Rate | DIP Switch | | |
|-----------|------------|---|----|
| | 8 | 9 | 10 |
| 9600 | 0 | 0 | 0 |
| 19200 | 0 | 0 | 1 |
| 38400 | 0 | 1 | 0 |
| 57600 | 0 | 1 | 1 |
| 76800 | 1 | 0 | 0 |
| 115200 | 1 | 0 | 1 |

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 | MS/TP Address - 121 |
| Device ID - 277004 | Device ID - 277121 |

- » 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) | BI 7 (Binary input) |
| BI 2 (Binary input) | BI 8 (Binary input) |
| BI 3 (Binary input) | BI 9 (Binary input) |
| BI 4 (Binary input) | BI 10 (Binary input) |
| BI 5 (Binary input) | BI 11 (Binary input) |
| BI 6 (Binary input) | BI 12 (Binary input) |