M4203
RS-485/485 Comms

Module Description:

| General	1 x isolated duplex RS-485 (4-wire) 1 x isolated TX-only[2] RS-485
Isolation	>500V from indicator to module
Power Supply	Internal
Number of devices on network bus	32 maximum
Baud rate[1]	2400, 4800, 9600, 19200, 38400, 57600
Parity bit[1]	None, Even, Odd
Data bits[1]	7, 8
Stop Bits[1]	1, 2
Termination[1]	OFF, ON (Internal)

Note 1: Instrument may not support all options.
Note 2: TX-only transmitter is always active.
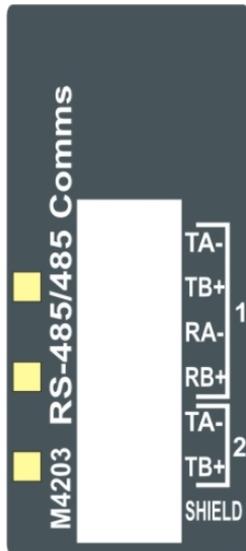
Module Connections   **Interface Diagram:**
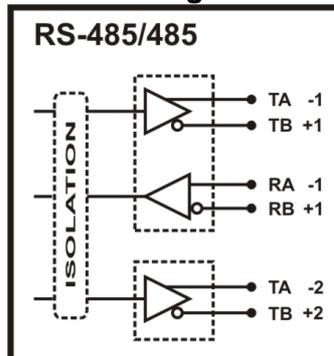
Example Use:
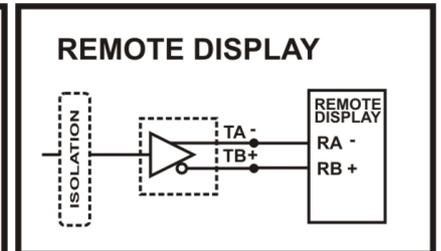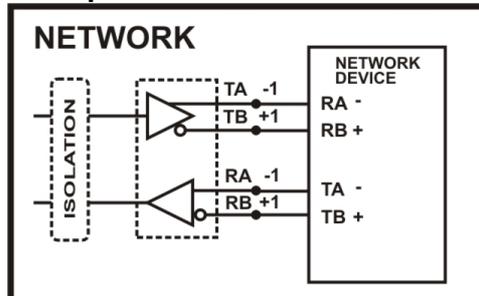
M4203 SETUP

The indicator should be switched OFF before installing or removing this device.

Modules are configured using the indicator setup. Setup can be done via the indicator keypad or the viewer program. An overview of setup is given below; see the indicator Quick Start or Reference manuals for detailed setup information.

The indicator provides configuration checking capabilities for the M4203. This is found in the H.WARE setup menu. See the indicator Quick Start or Reference manuals.

K402 SOFTWARE SETUP

This module is configured as serial port 2 on the indicator.

Network
(i) Setup. . . .   SER.NET. . . . (Refer to quick start manual for settings)

Automatic Output
(i) Setup. . . .   SER.AUT . . . .(Refer to quick start manual for settings)

Print
(i) Setup. . . .   PRINT. . . . . . .(Refer to quick start manual for settings)

Port Configuration (i.e. Baud, etc)
(i) Setup. . . .   H.WARE. . . . .SER2.HW. . . .   (Refer to quick start manual for settings)

M4203 TROUBLESHOOTING

The M4203 has 3 annunciators which help with troubleshooting. These annunciators are shown as yellow on the Module Connections figure above.

Problem	Possible solutions
Receive not working. M4203 receive annunciator not lit.	Check wiring.
Receive not working. M4203 receive annunciator lit.	Check indicator setup (H.WARE:ALLOC).
Transmit not working. M4203 transmit annunciator not lit.	Check indicator setup (H.WARE:ALLOC).
Transmit not working. M4203 transmit annunciator lit.	Check wiring.