



M5203 RS-485/485 Comms

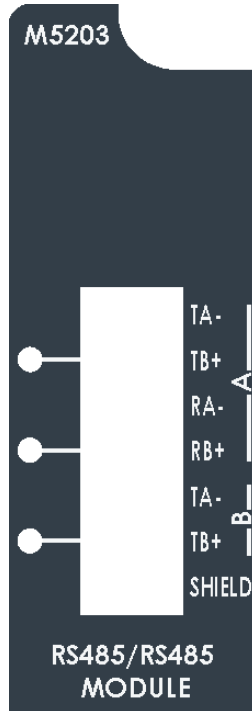
Module Description:

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	300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200
Parity bit ¹	None, Even, Odd
Data bits ¹	7, 8
Stop Bits ¹	1, 2
Termination ¹	OFF, ON (Internal)

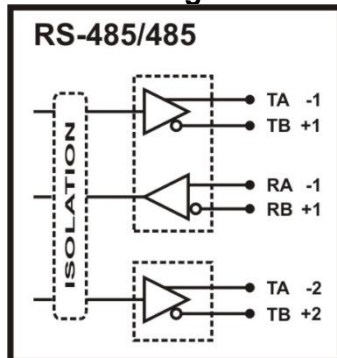
Note 1: Instrument may not support all options.

Note 2: TX-only transmitter is always active.

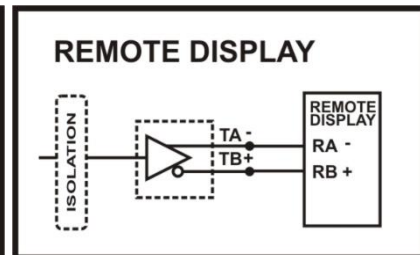
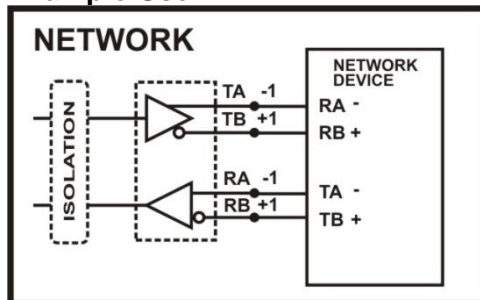
Module Connections



Interface Diagram:



Example Use:



M5203 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 Reference manual for detailed setup information.

The indicator provides configuration checking capabilities for the M5203. This is found in the SERIAL setup menu. See the indicator Reference manual.

K501 SOFTWARE SETUP

This module is configured as serial module 1 or serial module 2 on the indicator.

Network

(i) Setup. . . . SERIAL. (Refer to Reference manual for settings)

Automatic Output

(i) Setup. . . . AUT.OPT. (Refer to Reference manual for settings)

Print

(i) Setup. . . . PRN.OPT. (Refer to Reference manual for settings)

Port Configurations

(i) Setup. . . . SERIAL.SER.M.1A (Refer to Reference manual for settings)
SER.M.1B
SER.M.2A
SER.M.2B

(i) Setup. . . . BAUD. (Refer to Reference manual for settings)

Port Transmission Options

(i) Setup. . . . BITS. (Refer to Reference manual for settings)

M5203 TROUBLESHOOTING

The M5203 has 3 annunciators which help with troubleshooting. These annunciators are shown on the Module Connections figure above.

Problem	Possible solutions
Receive not working. M5203 receive annunciator not lit.	Check wiring.
Receive not working. M5203 receive annunciator lit.	Check indicator setup (SERIAL:SERx).
Transmit not working. M5203 transmit annunciator not lit.	Check indicator setup (SERIAL:SERx).
Transmit not working. M5203 transmit annunciator lit.	Check wiring.