RS485MS-2W

Communication Module



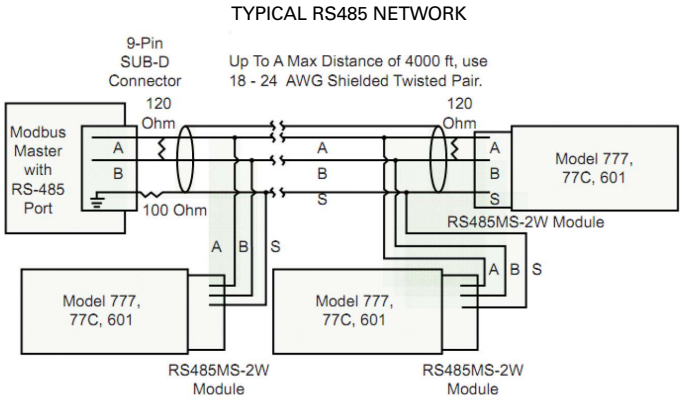
Description

The RS485MS-2W is required to enable the Modbus communications function on Model 77x-type products. This module is required when the RM1000, RM2000 or other Modbus capable device is used with 77x-type products.

Features

- Optical isolation from line potentials
- Powered by the 77x product
- RS-485 compliant bus drive capability
- Remote reset input connection
- Power connection for the Model RM1000

Wiring Diagram



Refer to the manual for basic and extended network diagrams.

Accessories



RS485-RS232 Converter with cable & plug
Allows RS485 devices to be connected to a PC via the RS232 (serial) port. Provides convenient terminal blocks for making signal and DC power supply connections. Pre-wired.



RS485-USB
Converter with cable & plug/RS232:USB
Allows RS485 devices to be connected to a PC via the USB port. Provides convenient terminal blocks for making signal and DC power supply connections. Pre-wired.

Specifications

Functional Specifications

Remote Reset (for optional use with 777 Series)	Normally open pushbutton rated 24VDC, 10mA (min.)

General Characteristics

Ambient Operating Temperature	-20° to 50°C (-4° to 122°F)
Terminal (depluggable terminal block)	
Torque	3 in.-lbs. (max.)
Wire AWG	12-20 AWG
Class of Protection	IP20
Relative Humidity	10-95%, non-condensing per IEC 68-2-3

Standards Passed

Electrostatic Discharge (ESD)	IEC 61000-4-2, Level 3, 6kV contact, 8kV air
Radio Frequency Immunity, Radiated	150 MHz, 10V/m
Fast Transient Burst	IEC 61000-4-4, Level 3, 4kV input power
Hi-Potential Test	Meets UL508 (2 x rated V + 1000V for 1 min)

Surge

Input Power	IEC 61000-4-5, Level 1
Inputs/Data Lines	IEC 61000-4-5, Level 2

Safety Marks

UL	UL508 (File #E68520)
CE	IEC 60947
Enclosure	Polycarbonate
Dimensions	**H** 52.83 mm (2.08"); **W** 73.66 mm (2.9"); **D** 19.56 mm (.77")
Weight	0.26 lb. (4.16oz., 117.93 g)
Mounting Method	9-pin D-Sub connector on the side of a 777-Series

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