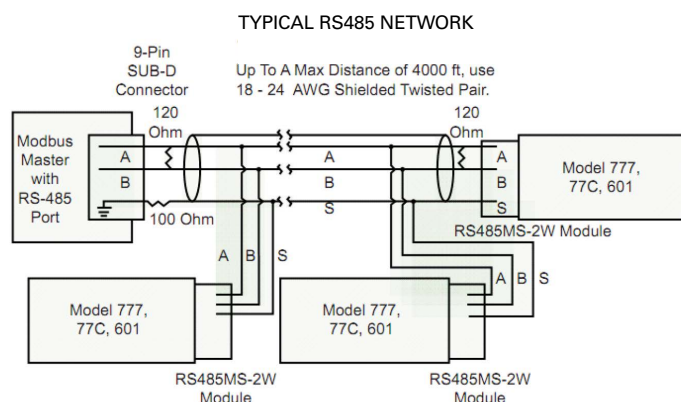


RS485MS-2W

Communication Module



Wiring Diagram



Refer to the manual for basic and extended network diagrams.

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

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