

OPERATING INSTRUCTIONS FOR A750-MOD WITH 2 WIRE RS 485 OUTPUT, 9,600 BAUD



1.0 Description

The A750-MOD is designed to transmit wireless RS485 2-wire data. The transmission baud rate is noted on a label on the side of the unit. Each device can transmit and receive data. The A-750-MOD is typically sold in pairs. To ensure you have a matching pair refer to the label on the side of the unit, matching pairs will have the same Network ID.

2.0 Connections

The A750-MOD requires 11– 32 Vdc and 2-wire RS485 connections, refer to figure one to make these connections. The interface baud rate is 9,600 bps.

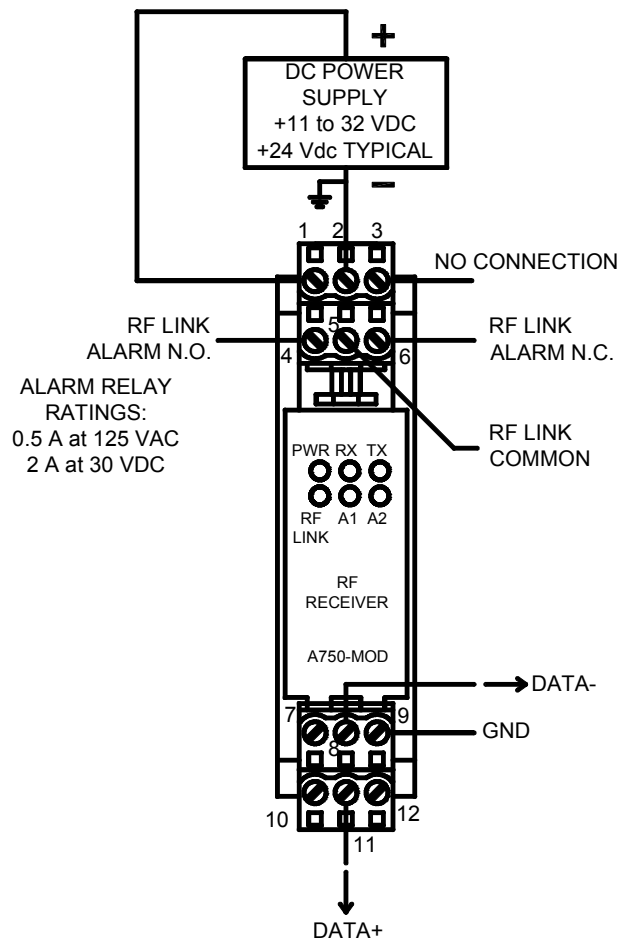


Figure 1. RS485 2-Wire Connections.

The A750-MOD includes an RF Link alarm. This only functions when data is transmitted and will switch states no data is not being transmitted. Both normally closed and normally open terminals are provided.

3.0 Power Up Sequence

On normal power up the following LEDs will light in sequential order.

1. PWR (power)
2. RF (Link)
3. A1
4. A2

If the LEDs do not light in this order the unit should be replaced.

4.0 Indicators During Normal Operation

The transmit and receive LEDs blink when data is being processed. When wireless data is received the Receive (RX) LED will blink and data is immediately sent out the RS485 port. Similarly when wireless data is transmitted the Transmit (TX) LED will blink and data is forwarded to the companion transceiver.

The link LED will remain on for about 5 to 10 seconds when data is received.

Both A1 LED and A2 LED will be on when data is sent out the RS485 port, A2 will be on when data is received in the RS485 port.

5.0 Warranty

All Analynk Wireless, LLC products are warranted against material or workmanship defects for two years after date of shipment. An RMA number is required for return shipments. Request an RMA number by utilizing any of the following:

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