SDN Bus Booster

Instructions

Item #: 9027694



I. General

- Indoor use only
- Plenum rated
- Uses RJ45 connectors
- Ambient operating temperature
- Dimensions: 4 in. L x 4 in. W x 1.5 in. H
  (10.16 cm L x 10.16cm W x 13.81 cm H)
- c UL us

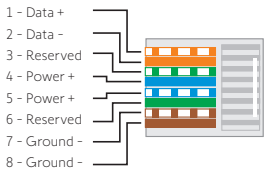
II. Connections & Indicators

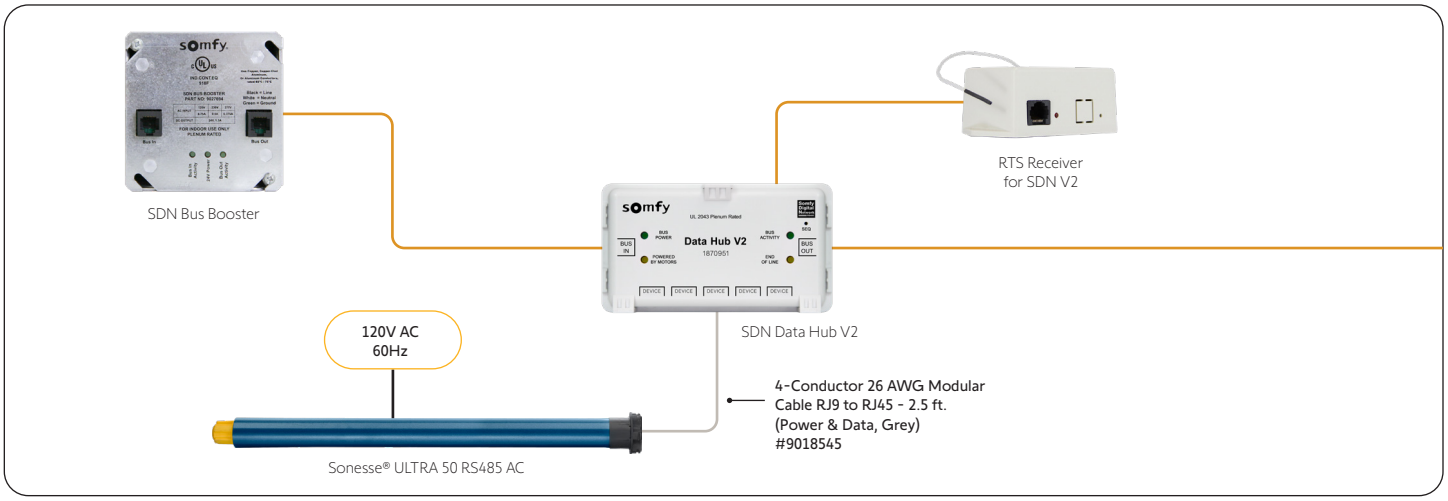
Connection Diagram

The diagram shown below is meant for illustrative purposes to show the connections from product to product. This device could be used in configurations other than those shown. For specification information on individual products, see related product information. Follow all SDN wiring standards for distance limitations.

Cable Pinout

SDN Pinout
ANSI/TIA/EIA 568-B Standard





III. Troubleshooting

Bus Overview

Check that the SDN bus line falls within these requirements:

- The maximum wiring distance per bus power source is 2000 ft.
- The distance between two bus distribution devices does not exceed 2000 ft.
- One segment can support 40 bus distribution devices

Bus Activity LED is always lit on all bus distribution devices: Use standard process of elimination to isolate problem device/segment

Mis-wire Issues

Issues can stem from improper wiring. Before consulting the troubleshooting scenarios below, ensure that these common mis-wire mistakes have been double-checked and are not present in the installation:

- Pinouts incorrect: Follow the T-568B Standard, refer to Cable Pinouts section
- Inadequate wire stripping: Check that wires have been stripped to the correct length
- Bad crimp: Check for any bad crimps
- Faulty connector: Test by switching to a different brand of connector

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