SDN Bus Booster

Item #: 9027694

Overview:

The SDN Bus Booster is a Somfy Digital Network™ (SDN) component that provides 24V power to the bus line. It can act as an in-line power extender or provide stand-alone power to a segment. It can be connected anywhere on the bus without the need for splitters or hubs. The SDN Bus Booster is plenum-rated and enables flexible large-scale designs and convenient installation.



Somfy Digital Network System Overview:

Somfy Digital Network™ (SDN) is Somfy's intelligent wired shading network. An SDN system is comprised of bus distribution devices that create a network for user interfaces, motorized applications, and integration devices. SDN is scalable and suitable for both small and large projects. The same components are used whether an SDN system remains stand-alone, is integrated into third-party automation systems, or is paired with Somfy's animeo® IP automated total solar management system.

Technical specifications:

- Input: 120V, 0.75A
  230V, 0.5A
  277V, 0.375A
- Output: 24V, 1A
- Material: Steel Enclosure
- Dimensions: 4 in. L x 4 in. W x 1.5 in. H
  (10.16cm L x 10.16cm W x 13.81cm H)
- Operating Temperature Range: Ambient temperature
- Shipping Weight: 1.5 lbs
- Indoor use only
- Plenum-rated
- c UL us

Features summary:

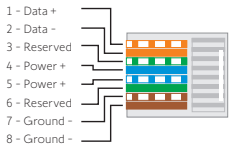
- In-line segment extender
- No outlet required (connected directly to AC power wires)
- Standard size junction box
- Protects system components from miswire
- Uses RJ45 connectors

What's in the box:

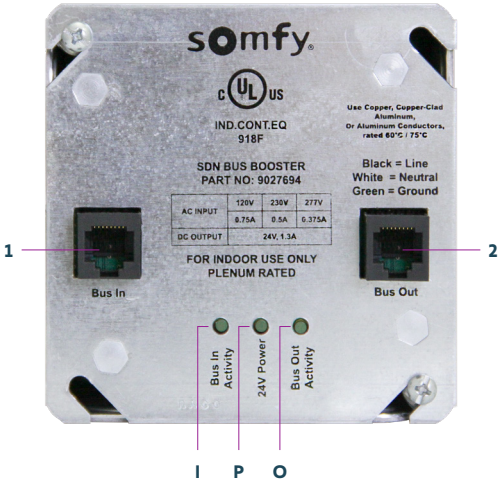
- SDN Bus Booster
- Instructions

Cable Pinouts:

SDN Pinout
ANSI/TIA/EIA 568-B Standard



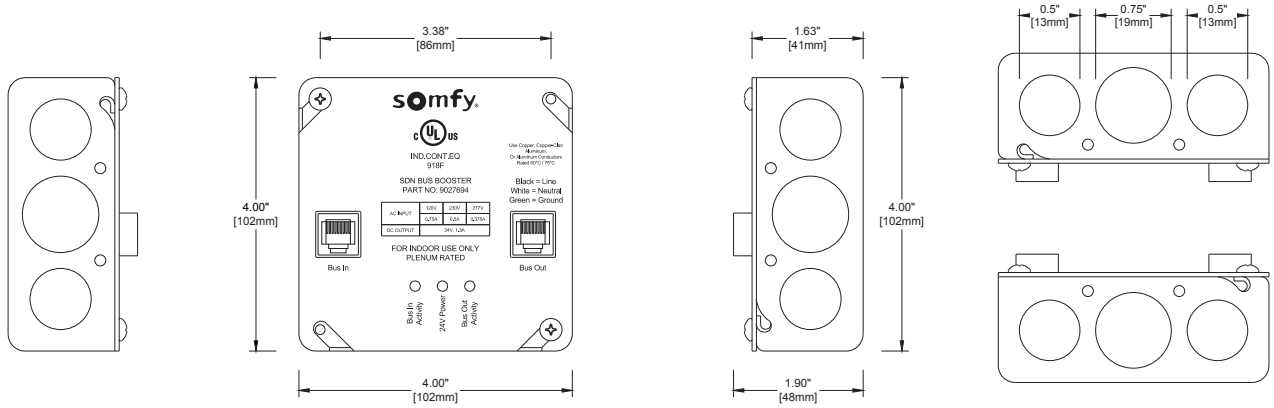
Connections and indicators:



Element		Function
1	SDN Bus Input	Input for bus signals
2	SDN Bus Output	Output for bus signals

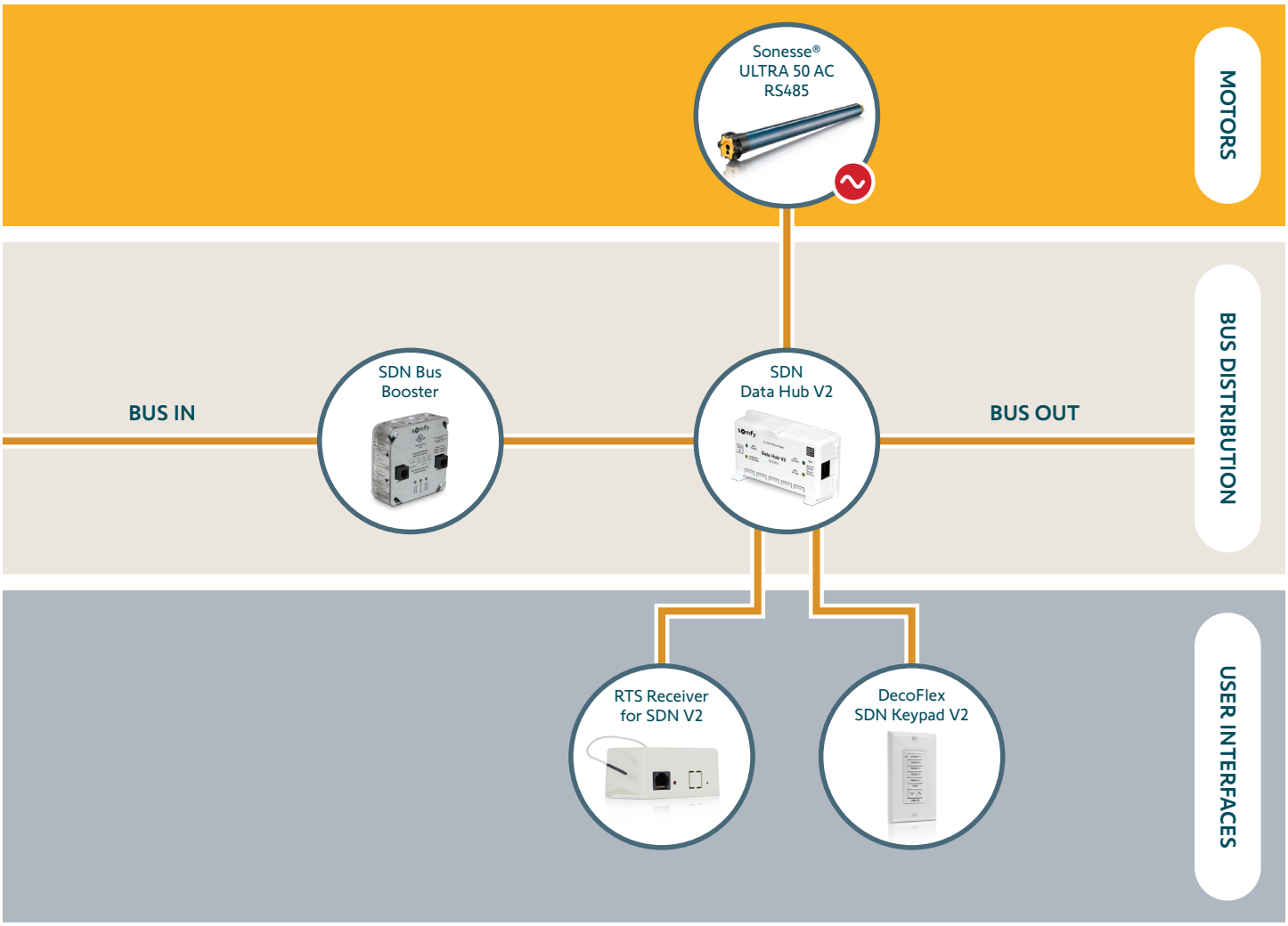
LED Indicators			
Label	Element	Function ON	Function OFF
I	Bus In Activity	Bus activity incoming	No bus activity incoming
P	24V Power	Outgoing 24V power	No outgoing bus power
O	Bus Out Activity	Bus activity outgoing	No bus activity outgoing

Dimensions:



Best wiring practices:

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



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