

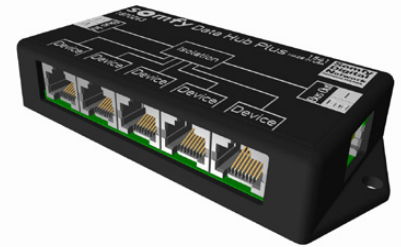
# Data Hub Plus

Item #: 1870263



## OVERVIEW:

The **Data Hub Plus** is a Somfy Digital Network™ (SDN) bus distribution component which adds 5 isolated device ports to an SDN Bus line. The isolated device ports support longer wire stubs beyond the 30 ft. of the standard Data Hub. A wire stub is an extension of the bus segment which connects the bus line to the user interfaces, motors or integration devices. The wire stubs consist of any devices which split away from the main bus distribution line in a system. A connected device can include a keypad, Radio Technology Somfy® (RTS) receiver, motor or Somfy Connect™ product.



## 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 sensors to be connected. SDN is scalable, and suitable for both small and large projects, and the same components are used whether an SDN system remains standalone, integrated into third party automation systems, or with Somfy's animeo® IP automated total solar management system.

## TECHNICAL SPECIFICATIONS:

- Input: SDN Bus Power
- Power Consumption: 5 Power Units
- Material: ABS plastic
- Dimensions: 4" L x 2.13" W x .90" H
- Maximum Wiring Distance: 800 ft. per device port
- Operating Temperature Range: Ambient temperature
- Shipping Weight: 1 lb.
- Indoor use only

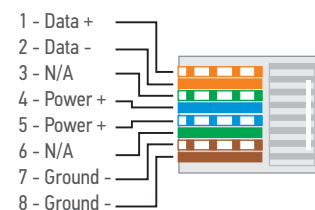
## FEATURES SUMMARY:

- Allows installation of motors and user interfaces beyond 30 ft. from bus segment
- Built-in Somfy Digital Network bus isolation to create new bus segment
- Powered by the SDN Bus
- Includes bus segment status LEDs for;
  - Power
  - Communication
  - End of line notification
- Protects system components from miswire
- Automatic segment termination

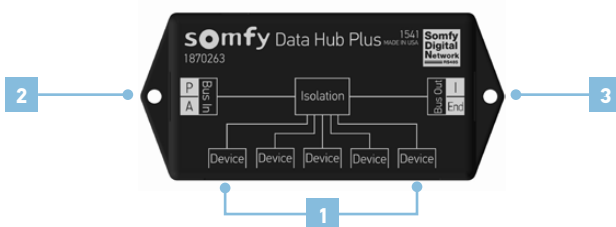
## WHAT'S IN THE BOX:

- Data Hub Plus
- Instructions

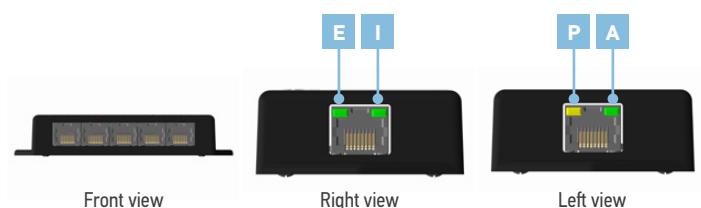
## CABLE PINOUTS:



## CONNECTIONS AND INDICATORS:

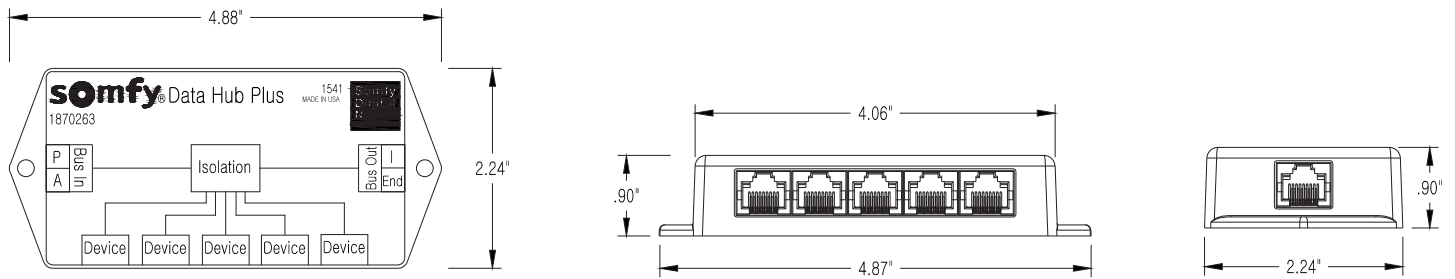


ELEMENT	FUNCTION
1 <b>Isolated Device Port</b>	5 devices beyond 30ft from main bus line
2 <b>SDN Bus Input</b>	Input for bus signals
3 <b>SDN Bus Output</b>	Output for bus signals



LED Indicators				
LABEL	ELEMENT	COLOR	FUNCTION ON	FUNCTION OFF
P	<b>Bus Power</b>	Green	Power	No Power
A	<b>A (activity)</b>	Green	No Data	Data
I	<b>I (idle)</b>	Green	Data	No Data
E	<b>End (end of line)</b>	Yellow	End of bus	Not End of bus

## DIMENSIONS:



## BEST WIRING PRACTICES

The diagram shown below is meant for illustrative purposes to show the connections from product to product. This device can be used in other configurations than shown below.

- Adds 5 isolated device ports to a system
- Wiring stubs can extend beyond 30 ft.

