



RTS Receiver for SDN V2

Part #1049435

OVERVIEW

The RTS Receiver for SDN V2 allows Somfy RTS transmitters to control SDN groups as part of a stand-alone SDN system. Through the use of a Situo or DecoFlex RTS keypad, the receiver provides users a familiar way to adjust their environment for personal comfort. The RTS receiver pairs with up to five RTS channels. The RTS receiver connects to any available device port on the SDN bus for both power and communication. Configuration is done through the Set pro by Somfy configuration software.



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	24V DC (SDN bus power)
Max Power Consumption	110mW
Material	ABS
Dimensions	3.88 in. L x 2.08 in. W x 1.5 in. H (9.85cm L x 5.28cm W x 3.81cm H)
Operating Temperature Range	Ambient temperature
Frequency	433.42 MHz
Shipping Weight	1 lb.

FEATURES SUMMARY

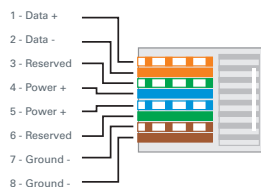
- Control up to five SDN group addresses
- Communication and power over single SDN connection
- Compatible with RTS controls including DecoFlex keypads and Situo transmitters*
- Can be controlled by up to five RTS channels

WHAT'S IN THE BOX

- RTS Receiver for SDN V2
- Instructions

CABLE PINOUTS

SDN Cable Pinout (RJ45 connector)
ANSI/TIA/EIA 568-B Standard



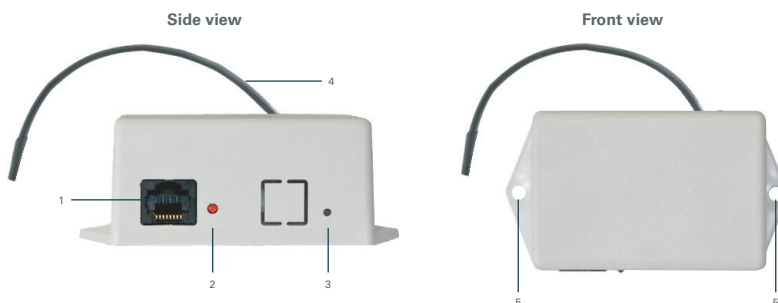
OPTIONAL ACCESSORIES

- Bus & Sensor Station Power Supply 1822440
- USB to RS485 Converter 9015260
- Situo® 1 RTS Pure II* 1019536
- DecoFlex WireFree™ Surface 5 Channel* 1049447

* Situo 1 & DecoFlex are examples. Choose any RTS transmitter or wireless wall switch.

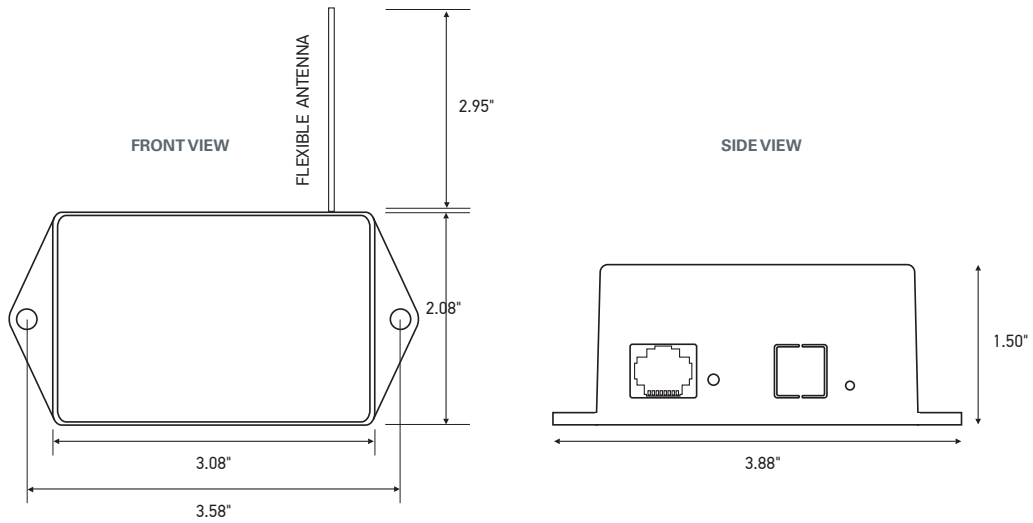
CONNECTIONS AND INDICATORS

ELEMENT	FUNCTION	
1	SDN Input	RJ45 port for SDN input
2	LED	LED indicator
3	Master Reset	Factory reset
4	RTS Antenna	RTS antenna
5	Mounting Flange	Mounting flange



RTS Receiver for SDN V2

DIMENSIONS



BEST WIRING PRACTICES

The diagram below is meant for illustrative purposes to show the connections from product to product. Follow all SDN wiring standards for distance limitations. The RTS receiver has a single SDN connection which is utilized for communication and power. Connecting the receiver to the SDN bus is easy using an SDN Data Hub; any free port can support a receiver. It is recommended that wires connecting the receiver to the SDN bus line are no more than 200 feet. The SDN should have bus power supplied as illustrated below.

