RTS Receiver for animeo® IP V2

Part #1049434

OVERVIEW

The RTS Receiver for animeo® IP V2 allows for Somfy RTS interfaces to control groups, facades, or single motors in an animeo® IP system. Balance overall building efficiency and user needs with options that allow manual control via an RTS transmitter. The receiver works with Somfy's range of indoor RTS transmitters, pairing with up to five RTS channels. Any combination of Situo, DecoFlex, or Telis transmitters can be used with a single receiver.

Power and data is received by a single SDN connection. Commissioning the receiver is simplified using the animeo® IP keypad discovery wizard, which features auto-discovery with a single button press of the RTS transmitter.

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 standalone, is integrated into third-party automation systems, or is paired with Somfy's animeo® IP automated total solar management system.

TECHNICAL SPECIFICATIONS

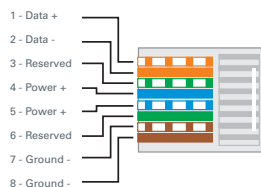|	
Input	24V DC (SDN bus power)
Max Power Consumption	110mW
Material	ABS
Dimensions	3.88 in. L x 2.08 in. W x 1.5 in. H (9.85cm L x 5.28cm W x 3.81cm H)
Operating Temperature Range	Ambient temperature
Frequency	433.42 MHz
Shipping Weight	1 lb.

FEATURES SUMMARY

- Control motors individually, by group, facade, or an entire building
- Communication/power over single SDN connection
- Auto-addressing rather than auto-discoverable address
- Works with DecoFlex and Situo transmitters
- Can be controlled by up to 5 RTS channels

WHAT'S IN THE BOX

- RTS Receiver for animeo® IP V2
- Instructions

CABLE PINOUTS

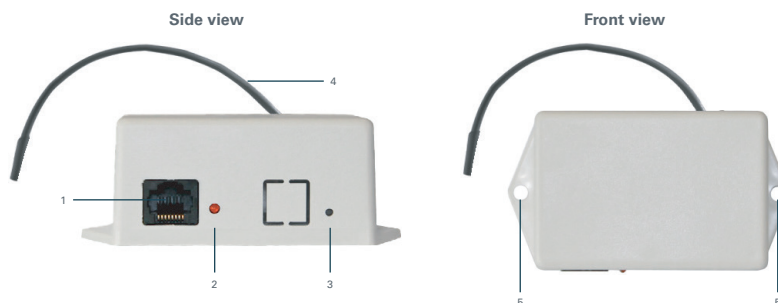### SDN Cable Pinout (RJ45 connector)
ANSI/TIA/EIA 568-B Standard

1 - Data +
2 - Data -
3 - Reserved
4 - Power +
5 - Power +
6 - Reserved
7 - Ground -
8 - Ground -

OPTIONAL ACCESSORIES

- Bus & Sensor Station Power Supply — 1822440
- 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
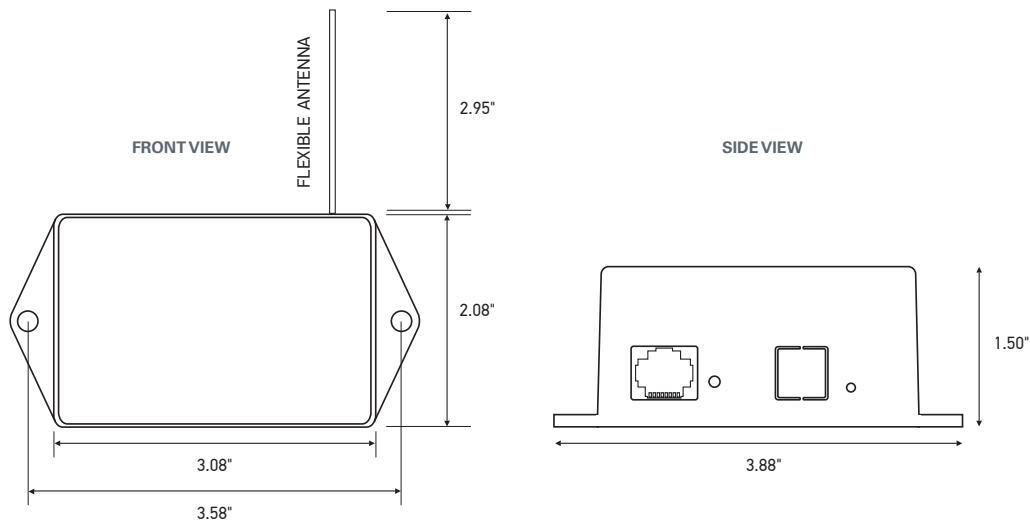
	ELEMENT	FUNCTION
1	SDN Input	RJ45 port for SDN input
2	LED	LED indicator
3	Master Reset	Factory reset
4	RTS Antenna	RTS antenna
5	Mounting Flange	Mounting flange

Side view

Front view

RTS Receiver for animeo® IP V2

DIMENSIONS

FLEXIBLE ANTENNA

FRONT VIEW

2.95"

2.08"

3.08"

3.58"

SIDE VIEW

1.50"

3.88"

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.

MOTORS

Sonesse®
ULTRA 50 AC
RS485

Sonesse®
ULTRA 50 DC
RS485

BUS DISTRIBUTION

SDN Bus
Booster

SDN
Data Hub V2

SDN
PowerConnect™
Surface-Mount Panel

BUS IN

BUS OUT

CONTROLLER

animeo® IP
Building
Controller

USER INTERFACES

RTS Receiver
for animeo® IP

RTS

RTS
Transmitter