

Somfy Connect™ UAI

Part #1870264



Overview:

The Somfy Connect™ Universal Automation Interface (UAI) offers a single point of communication between third party automation systems and Somfy motorized shading systems. It is compatible with Somfy's Application Programming Interface (API) which makes it easy to integrate custom automation programming. Only one Somfy Connect™ UAI is required per system, and can be used with both Radio Technology Somfy® (RTS)* and Somfy Digital Network (SDN) installations.



Somfy Connect™ Range Overview:

The Somfy Connect™ product line expands the functionality of Somfy motorization systems, providing a communication gateway for Radio Technology Somfy® (RTS) and Somfy Digital Network (SDN) systems to easily integrate with third party control systems in both residential and commercial jobsites.

Features Summary:

- Single integration point for third party automation systems
- Compatible with both RTS and SDN systems
 - An URTSI (1810872) is required for use with RTS systems
- Works with Somfy's API for easy integration
 - Readable JSON format
 - Flexibility to create more custom user interfaces

Only one required per system

- RS232 in, RS485 out
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What's in the Box:

- Somfy Connect™ UAI
- DB9 cable (6'; male to female; straight through) RX

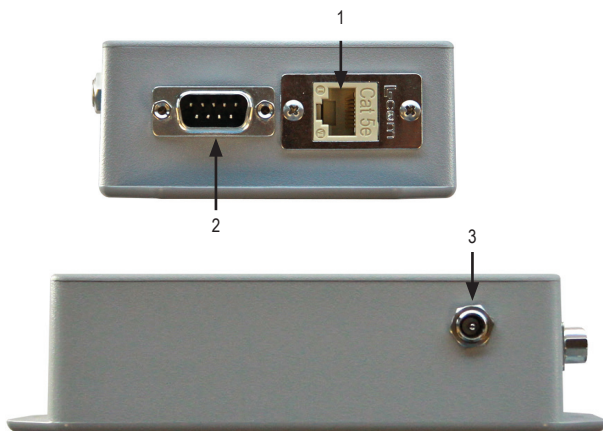
Technical Specifications:

- Input: 9-24v DC
- Power Consumption: 100ma
- Material: ABS
- Dimensions: 6" x 3.5" x 1.5"
- Operating Temperature Range: ambient
- Shipping Weight: 1 Lb.

Optional Accessories:

- USB to RS485 Adapter 9015260
- URTSI 1810872
- Power Supply 1822440

Connections and Indicators:

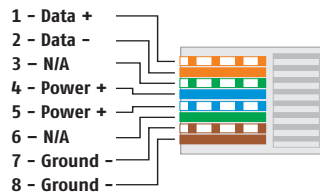


ELEMENT	FUNCTION
1 SDN BUS	RS485 - Connect to SDN system or URTSI
2 Integration Port	RS232 - Connect to third party controller
3 Power	3.5mm Barrel connector (female)

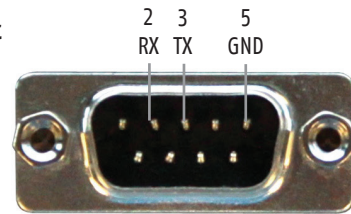


Cable Pinouts:

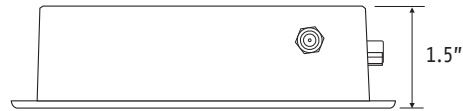
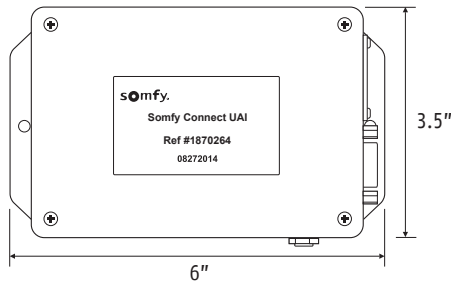
RJ 45 Pinout



DB9 pinout



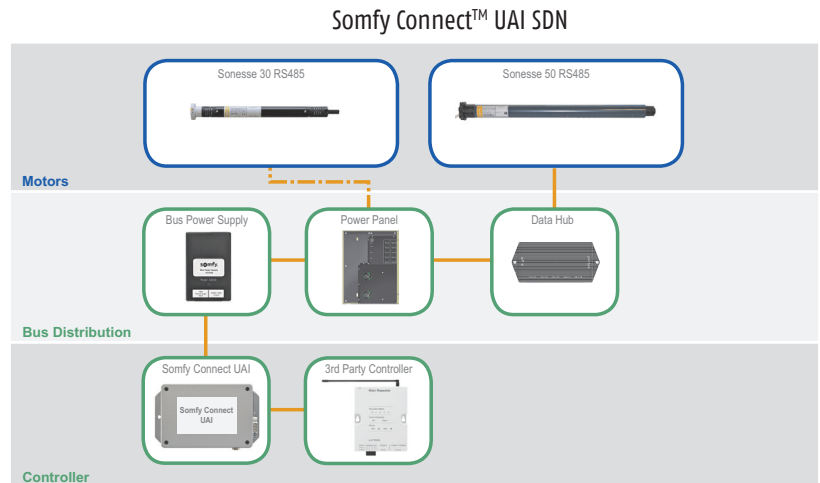
Dimensions:



Wiring Best Practices:

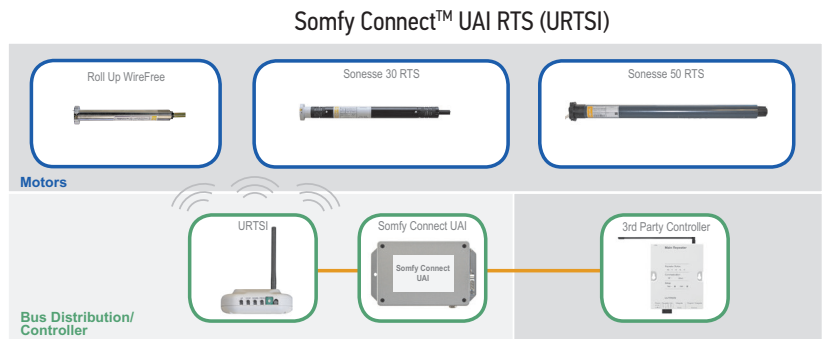
SDN

The Somfy Connect™ UAI joins a SDN network using RS485 to any device port on the SDN bus. This connection provides power and data.



RTS

The Somfy Connect™ UAI requires a Universal RTS Interface (URTSI) to transmit RTS commands. Connect to the URTSI using RS485. Additional range and channels can be added by daisy-chaining, and using their second RS485 connection.



Wiring Connection Types

Wireless	Third Party	Somfy Digital Network (SDN)
RTS	RS232 - 50' max	SDN
WiFi	RS485 - 4K' max	SDN (data)
Z-Wave®	IR	SDN with motor power
ZigBee®	Ethernet	Sensor Bus