URTSI II Universal RTS Interface

ELITE PRO

OVERVIEW:

The Universal RTS Interface II (URTSI) is an integration device that allows third party systems to control Radio Technology Somfy® motorized applications. The URTSI can control up to 16 RTS channels individually and/or as a group through RS232, RS485 and IR. Multiple URTSI's can be joined together to control up to 256 channels using the RS485 expansion port. The simple design allows you to quickly duplicate programming from existing RTS transmitters.

TECHNICAL SPECIFICATIONS:

- Power Input: 9 V DC, 200mA-UL approved
- Power Consumption: 20 mA
- Material: ABS
- Dimensions: 3" L x 4" W x 1.75" H
- Maximum Range: 65 feet radius (under optimal conditions)
- Operating Temperature Range: Ambient temperature
- Shipping Weight: 1 lb.
- LED: Bi-colour
- Frequency: 433.42 Mhz

FEATURES SUMMARY:

- 16 channels of RTS control per URTSI
- Communicates with:
  - RS232
  - RS485
  - IR
- Using RS485
  - Control up to 16 URTSI IIs together 256 channels in a system
  - Cascade up to 16 URTSI's with one wire
  - Power up to 16 URTSI's with one power supply in a system
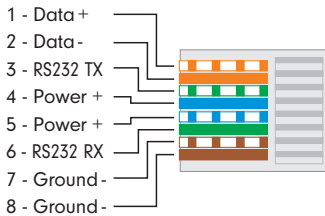
WHAT'S IN THE BOX:

- URTSI
- Antenna
- Power Supply
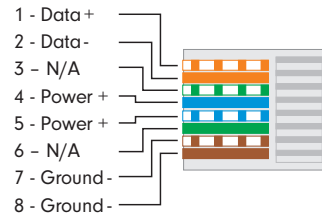- DB9 to RJ45 for RS232

OPTIONAL ACCESSORIES:

- IR Receiver
- IR Transmitter
- DB9 to RJ45 for RS232
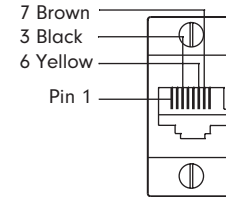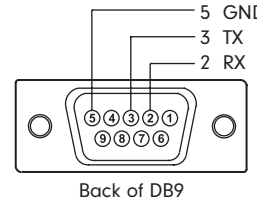- DB9 to RJ45 for RS485
- RS232 to RS485 Converter

CABLE PINOUTS:

RS232 input or RS485 input

1 - Data +
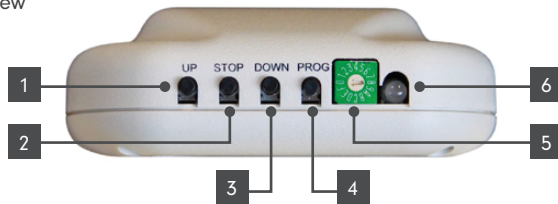2 - Data -
3 - RS232 TX
4 - Power +
5 - Power +
6 - RS232 RX
7 - Ground -
8 - Ground -

RS485 expansion

1 - Data +
2 - Data -
3 - N/A
4 - Power +
5 - Power +
6 - N/A
7 - Ground -
8 - Ground -

RJ45 to DB9 RS232

5 GND
3 TX
2 RX

⑤④③②①
⑨⑧⑦⑥

Back of DB9

7 Brown
3 Black
6 Yellow

Pin 1

CONNECTIONS AND INDICATORS:

Front View

UP   STOP   DOWN   PROG

Back View
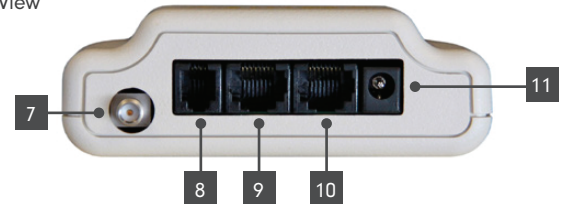
	ELEMENT	FUNCTION
1	Up Button	RTS (Test) Up directional button
2	Stop Button	RTS (Test) Stop directional button
3	Down Button	RTS (Test) Down directional button
4	Programming Button	RTS Programming button
5	Rotary Dial	Programming: RTS channel selector Operation: URTSI address selector (RS485) (A-0 = CH 10-16)
6	Bi-Colour LED	Green = Power; Red Flash = RTS Transmission

	ELEMENT	FUNCTION
7	Antenna	RTS antenna
8	IR Sensor Input	RJ9 port for Somfy's IR Receiver (9015078)
9	RS232 or RS485 Input	RJ45 for RS232 or RS485 serial input
10	RS485 Expansion	RJ45 for RS485 expansion
11	Power	3.5mm jack for included power supply (9V DC 200mA)

POWERED by somfy®

RTS
Radio Technology Somfy®

5 year Warranty somfy.