inteo *EOLIS RTS sensor 24V*

Installation Instructions

- The **EOLIS RTS sensor** is a radio wind sensor for awnings
- The wind threshold can be set directly on the **EOLIS RTS sensor.**
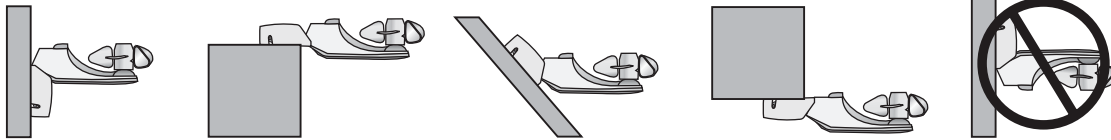- The **EOLIS RTS sensor** is compatible with the **LT RTS CMO** and **ALTUS RTS** motors only.

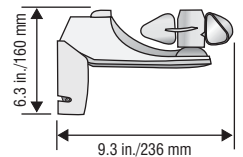**Power supply :** 24V AC/DC
Rated Current : 25 mA at 24V DC
The **EOLIS RTS sensor** must be supplied by a class 2 transformer

Operating temperature : -4^{0}F to +122^{0}F/-20^{0}C to +50^{0}C

24V EOLIS RTS SENSOR KIT
CAT NO. 6301050
(Includes transformer, not shown)

1 Installation

Dimensions

6.3 in./160 mm
9.3 in./236 mm

2 Wiring

WARNING: *For the **EOLIS RTS SENSOR** to function properly, the transmitter which is memorized into the motor's receiver, must be configured correctly. The DOWN button MUST correspond to DOWN on the end product. In the case of an awning, it will open or extend the awning. If the UP button extends the awning, the wind sensor will also extend the awning during windy conditions. THIS IS DANGEROUS! Damage and injury could occur. Do not proceed until proper operation of the transmitter is verified. Please refer to the installation instructions of the relevant motor to change the direction if necessary.*


UP
STOP
DOWN

A. Power input to the sensor is not polarized, but turn off the power and fully discharge the transformer before making final connections.
B. The cable distance between the power supply and the sensor must not exceed 164 feet.
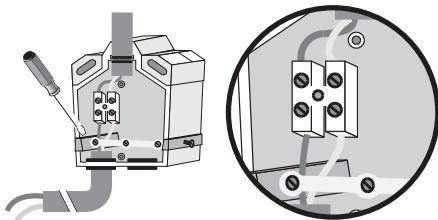
1. Remove Cover and unscrew plate over wiring compartment
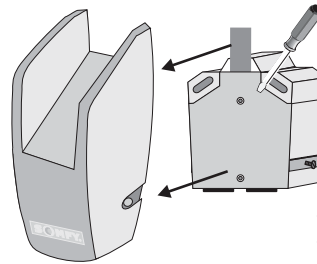
2. Loosen the strain relief plate and guide the power supply wires through the black grommet into terminal block
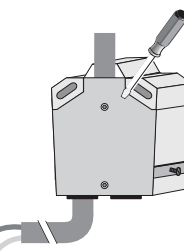

strain relief
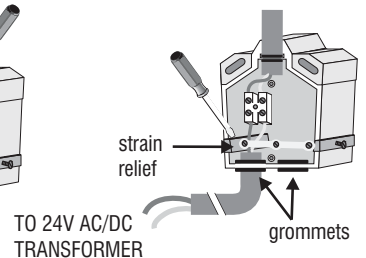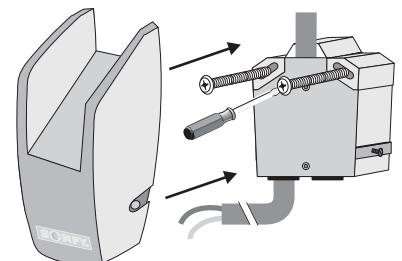
TO 24V AC/DC TRANSFORMER

grommets

TO 24V AC/DC TRANSFORMER

3. Connect the cable leads to the terminals
- Terminal block is removable for easier connections and the input power is not polarized.


4. Replace wire compartment cover

5. Attach the sensor to the wall. Replace front cover and secure with screws provided

3 Programming

- The motor must be in **programming mode** to record an **EOLIS RTS sensor.**
- Up to three **EOLIS RTS sensors** can be memorized in one motor. One **EOLIS RTS sensor** can be memorized into several motors.
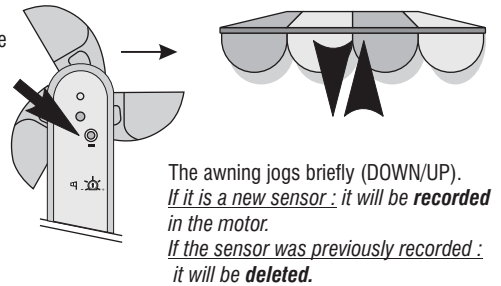
A. To Enter the "programming mode"

Activate the receiver's memory by pushing (for more than 2 seconds) the **programming button** on a transmitter already recorded in the motor's memory.
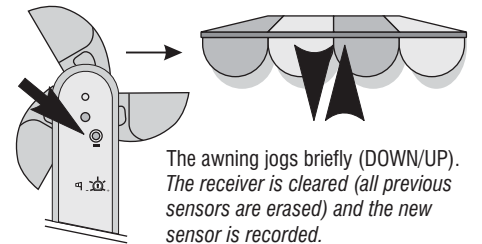
> 2 sec.

The awning jogs briefly DOWN/UP. This confirms the motor is in programming mode.
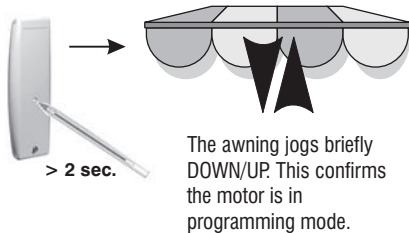
B. To Record or delete a sensor

Press **briefly** on the "programming" button of the EOLIS RTS sensor

The awning jogs briefly (DOWN/UP).
If it is a new sensor : it will be **recorded** in the motor.
_If the sensor was previously recorded :_ it will be **deleted.**

C. To delete all the sensors and record a new one

Press for **more than 7 sec.** on the "prog" button of the new EOLIS RTS sensor.

The awning jogs briefly (DOWN/UP).
The receiver is cleared (all previous sensors are erased) and the new sensor is recorded.

4 Operation

- The **EOLIS RTS sensor** is able to control and provide a measure of protection for retractable awnings according to wind conditions.

- The WIND threshold can be adjusted by a potentiometer to detect wind speed between 6 - 31 miles per hour.
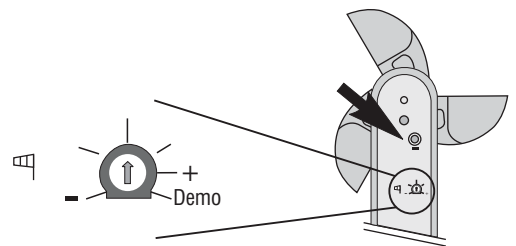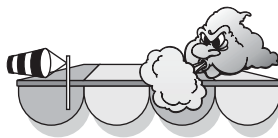
WIND Function

When the wind speed exceeds the threshold set by the EOLIS RTS sensor, an UP order is given to the awning after 2 seconds

after 2 sec.
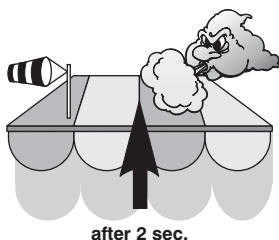
As long as the measured wind speed is higher than the adjusted threshold, all commands are prevented from operating. (manual control or automatic control).
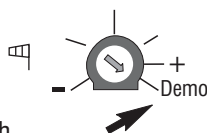
When the wind speed falls below the threshold setting, an order can be given with the RTS transmitter after 30 sec.

after 30 sec.
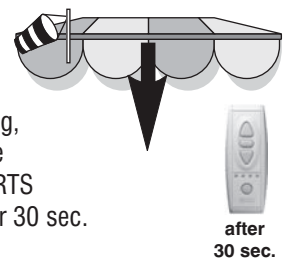
DEMO Mode

The mode is selected by turning the wind potentiometer clockwise to the limit. In this mode all time delays are reduced to facilitate installation. The wind threshold is 6 mph.

The change of setting "In" or "Out" of the Demo Mode is confirmed with a brief Jog of the motor. This function can be used to confirm the sensor is communicating with the motor's receiver.

NOTE: Do not leave RTS sensor in demo mode when installation is completed.

TIME DELAYS

This is the elapsed time required for the motor to respond automatically or manually (using the transmitter) to the change in wind conditions.

	Normal mode	Demo mode
WIND appearing timing	2 sec.	2 sec.
WIND disappearing timing*	12 min.	15 sec.

* It is possible after 30 sec. to give a down order with the RTS transmitter