

inteo EOLIS RTS sensor 24V

Installation Instructions



24V EOLIS RTS SENSOR KIT CAT NO. 6301050

(Includes transformer, not shown)

- 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.

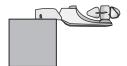
Power supply: 24V AC/DC Rated Current: 25 mA at 24V DC

The EOLIS RTS sensor must be supplied by a class 2 transformer

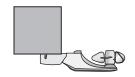
Operating temperature : -4°F to +122°F/-20°C to +50°C

Installation



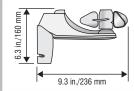








Dimensions

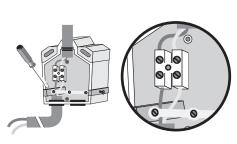


2Wiring

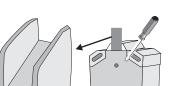
WARNING: For the EOLIS RTS SENSOR to function properly, the transmitter which is memorized into the motor's receiver, must be configured correctly. The DOWN button MUST correspond to DOWN on the end product. In the case of an awning, it will open or extend the awning. If the UP button extends the awning, 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.



- 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.



- TO 24V AC/DC TRANSFORMER
- Connect the cable leads to the terminals
 Terminal block is removable for easier connections and the input power is not polarized.

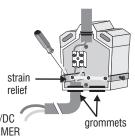


1. Remove Cover and unscrew

plate over wiring compartment

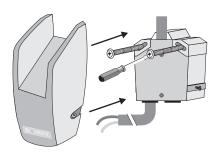
TO 24V AC/DC TRANSFORMER

2. Loosen the strain relief plate and guide the power supply wires through the black grommet into terminal block





4. Replace wire compartment cover



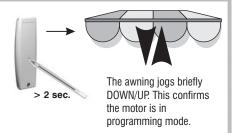
5. Attach the sensor to the wall. Replace front cover and secure with screws provided

Programming

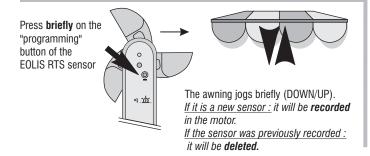
- The motor must be in **programming mode** to record an **EOLIS RTS sensor.**
- Up to three EOLIS RTS sensors can be memorized in one motor. One **EOLIS RTS sensor** can be memorized into several motors.

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.

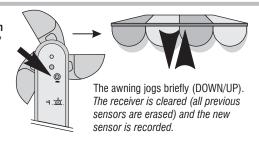


B. To Record or delete a sensor



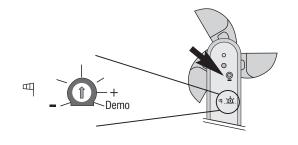
C. To delete all the sensors and record a new one

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



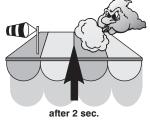
Operation

- 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

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	<u>Demo mode</u>
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