



inteo *SOLIRIS RTS sensor 24V*

Installation Instructions



24V SOLIRIS RTS SENSOR KIT
CAT NO. 6301051
(Includes transformer, not shown)

- The **SOLIRIS RTS sensor** is a radio sun & wind sensor for awnings.
- The wind and sun thresholds can be set directly on the **SOLIRIS RTS sensor**.
- The **SOLIRIS RTS sensor** is compatible with the **LT RTS CMO** and **ALTUS RTS** motors.

Power supply : 24V DC (min: 17V max: 40V)

24V AC (min: 17V max: 28V)

Rated Current : 20 mA at 24V DC

The **SOLIRIS RTS sensor** must be supplied by a class 2 transformer

Protection index : IP34 (protection against water project from all directions. Not submersible).

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

1 Installation

Sun Sensor Wind Sensor



Dimensions



2 Wiring

WARNING: For the **SOLIRIS 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 motor. 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 receiver motor to change the direction if necessary.

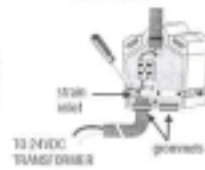


1. Power input to the sensor is not polarized, but turn off the power and fully discharge the transformer before making final connections.
2. The cable distance between the power supply and the sensor must not exceed 164 feet.

1. Remove Cover and unscrew plate over wiring compartment



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



COLOR CODE



3. Connect the cable leads to the terminals
- Terminal block is removable for easier connections



4. Replace wire compartment cover



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

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CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment