

# INSTALLATION *guide*



## inteo *CENTRALIS receiver RTS 2*

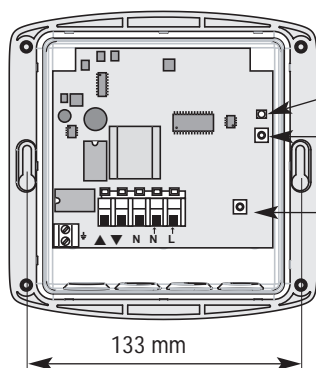
The **CENTRALIS receiver RTS** is a radio receiver for awnings compatible with all the **RTS controls** and the **INIS RT**.

Commands are transmitted by radio (frequency 433.42 MHz).

With an **INIS RT**, the functioning of the **CENTRALIS receiver RTS** is a trip switch type :

▲, stop, ▼, stop,...

# 1 Characteristics:



LED  
Programming button  
Built-in manual security control

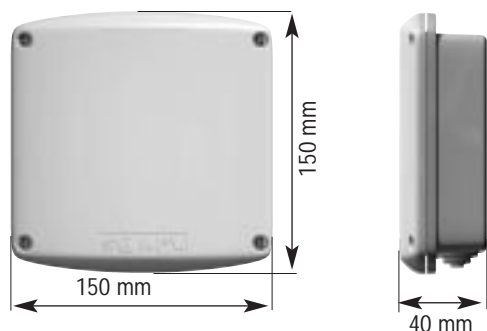
- Mains supply : 220-240 V~ 50/60 Hz
- Protection index: IP 44
- Operating temperature: -20°C to +50°C
- Class II product once installed
- Normally polluted environment

**CE** Hereby, SOMFY, declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A Declaration of Conformity is available at the web address [www.somfy.com/Heading\\_c2](http://www.somfy.com/Heading_c2).

# 2 Installation:

Before connecting the unit, you must read the instructions carefully.

## **A** Mounting of the CENTRALIS receiver RTS 2 :



### Recommendations :

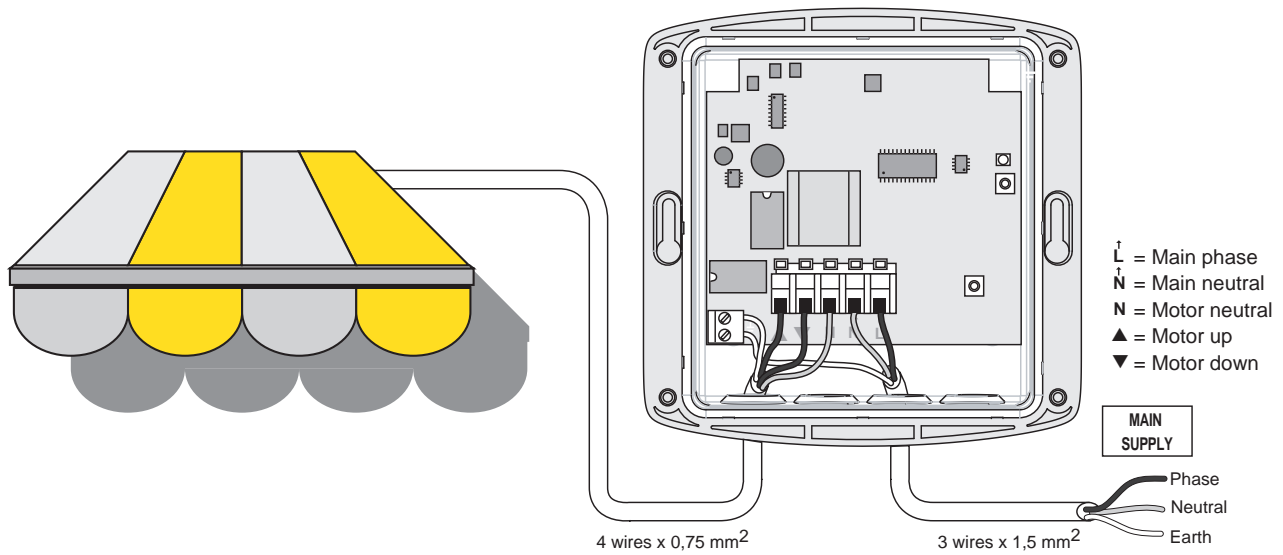
- Install the CENTRALIS receiver RTS with the cables entry pointing downwards to avoid water infiltration.
- Do not install the CENTRALIS receiver RTS against a metallic part (it could affect the radio transmission).
- minimum distance between the receiver and the floor : **1,5 m**.
- minimum distance between the receiver and the roof : **30 cm**.
- minimum distance between the receiver and the transmitter : **30 cm**.
- minimum distance between two receivers : **20 cm**.

## B Cabling of the CENTRALIS receiver RTS 2 :

The CENTRALIS receiver RTS is compatible with all standard SOMFY motors. Cabling arrangements are shown in the diagram below. Respect the electrical standards in force as well as the following points:

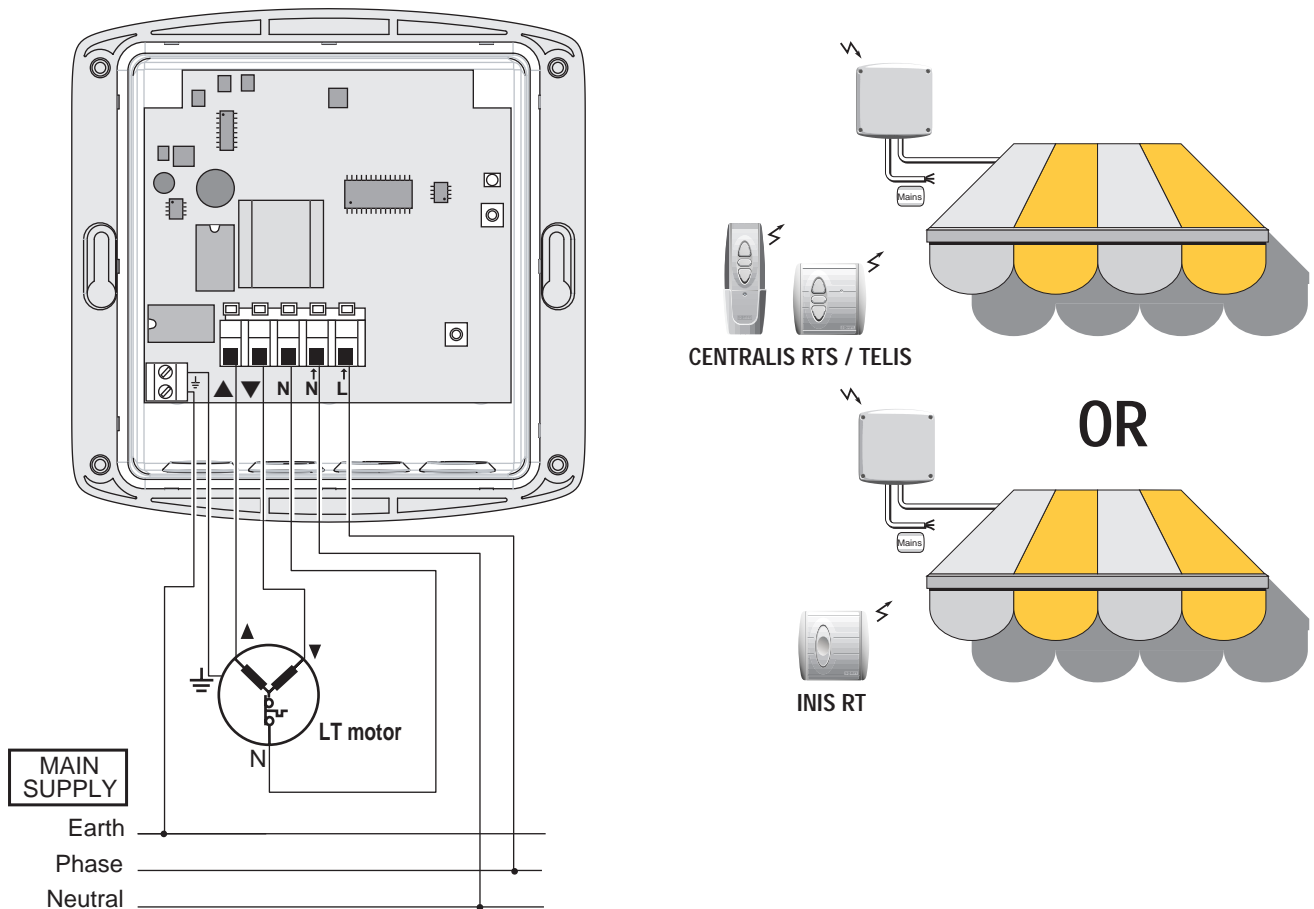
- disconnect the mains before carrying out any work.
- be careful to avoid static electricity which could damage some electronic components.
- use flexible cables
- ensure that no longitudinal forces act on the cable carriers after installation
- **do not forget to connect the earth wires.**

### Wiring principle



**WARNING :** if the awning moves DOWN when pressing the UP button of the RTS controls, invert the brown and black motor wires.

### Centralis receiver RTS 2



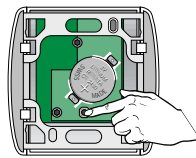
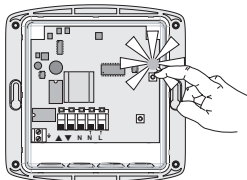
# C Programming :

## 1 INITIAL INSTALLATION

### ***with an RTS control (Centralis RTS ; TELIS).***

Set the CENTRALIS receiver RTS in its programming mode by pressing the PROG button until the LED lights.

*This indicates that the CENTRALIS receiver RTS is ready to receive the address of a control for one minute (After this time limit, the LED will go out).*



Press **shortly** the programming button on the RTS control.

The LED of the CENTRALIS receiver RTS blinks indicating that the address of the RTS control is memorized in the receiver which automatically quits its programming mode.



#### **MULTIPLE CONTROL**

• Assign several RTS controls to the CENTRALIS receiver RTS following the same procedure as described above.

You can assign up to 16 controls to one receiver. If you try to enter a 17th, your instruction will be ignored, the led of the receiver will go out.

#### **GENERAL OR GROUP CONTROL**

• Set all the CENTRALIS receiver RTS you wish to control by one RTS control in their programming mode.

• Press **shortly** the programming button of the RTS control.

⇒ The LEDs of all the CENTRALIS receiver RTS blink indicating that the address of the RTS control is memorized in all these receivers.

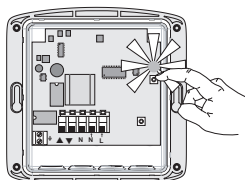
### ***with an INIS RT.***

**you can only program one INIS RT in the memory of a receiver (single control).**

**you cannot program INIS RT and RTS controls together in the memory of a receiver.**

Set the CENTRALIS receiver RTS in its programming mode by pressing the PROG button until the LED lights.

*This indicates that the CENTRALIS receiver RTS is ready to receive the address of a control for one minute (After this time limit, the LED will go out).*



1. remove the battery



2. press **shortly** the push button



3. replace the battery



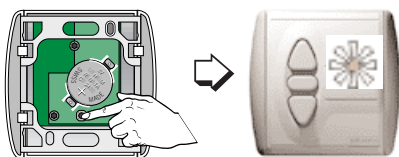
4. press **shortly** the push button

The LED of the CENTRALIS receiver RTS blinks indicating that the address of the INIS RT is memorized in the receiver which automatically quits its programming mode.



## 2 ADD A NEW CONTROL IN THE MEMORY OF A RECEIVER (ONLY WITH RTS CONTROL)

Press more than 2 seconds on the programming button of a RTS control which is already memorized in the CENTRALIS receiver RTS in order to "wake up" the receiver.



⇒ the LED of the RTS control lights on, indicating that all the CENTRALIS receivers RTS which have the address of this control are in their programming mode for one minute.

Press **shortly** the programming button of the new RTS control you wish to assign.

⇒ The address of the new control is memorized in all the CENTRALIS receivers RTS which automatically quit their programming mode.



## 3 REMOVE A RTS CONTROL FROM THE MEMORY OF THE RECEIVER (ON AN EXISTING INSTALLATION)

To remove a RTS control from the memory of a RTS receiver, set the CENTRALIS receiver RTS in its programming mode, then press shortly the prog button of the RTS control you wish to remove.

It is also possible to "wake up" the CENTRALIS receiver RTS with another RTS control (see § C/2), then press shortly the prog button of the RTS control you wish to remove.

## 4 REMOVE ALL THE CONTROLS FROM THE MEMORY OF THE RECEIVER (RESET OF THE CENTRALIS RECEIVER RTS)

To remove the addresses of all the controls from the memory of a CENTRALIS receiver RTS, press the programming button of the CENTRALIS receiver RTS until the LED **blinks**.

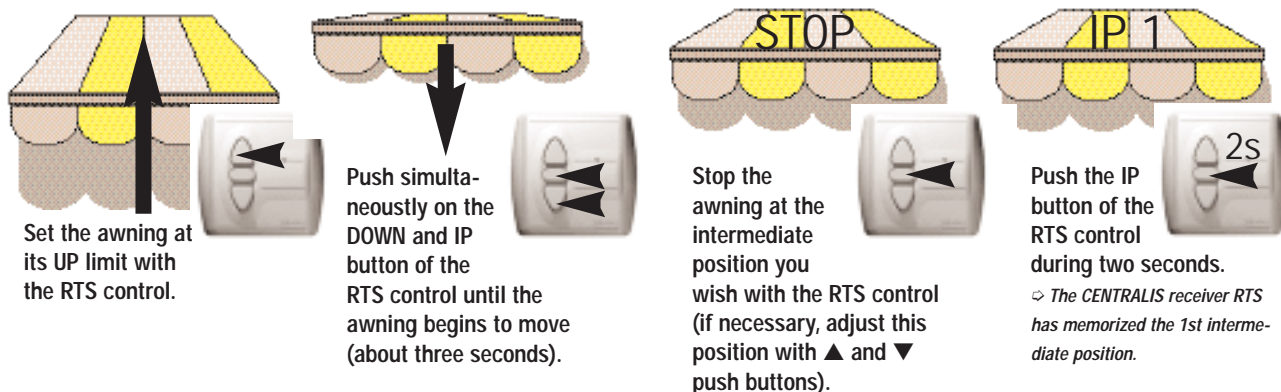
⇒ The memory of the receiver is erased.

## D Intermediate position (WITH A RTS CONTROL ONLY)

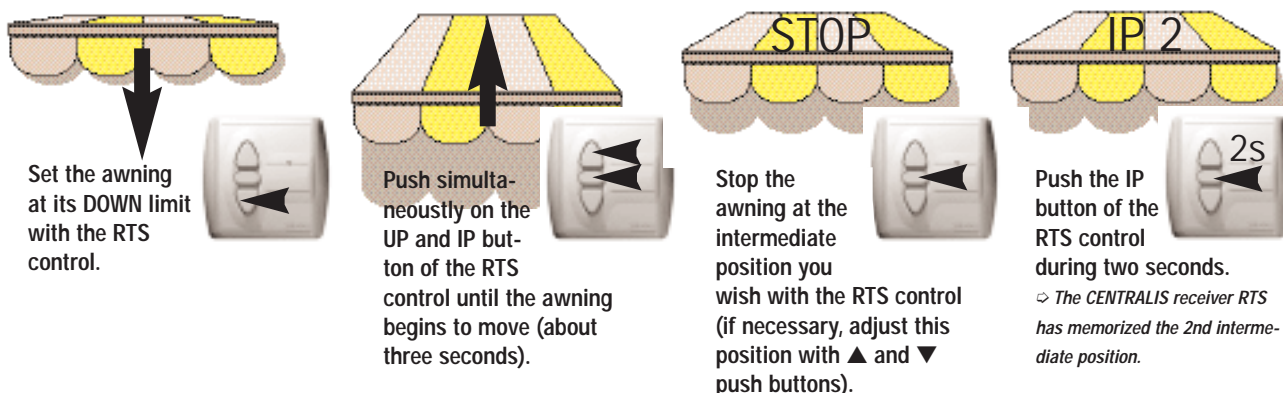
With the CENTRALIS receiver RTS and a RTS control, it is possible to set one or two intermediate positions (IP) : one accessible from the top of the awning (IP1) and one from the bottom (IP2).

To record these positions, the CENTRALIS receiver RTS has to record the time for the awning to go from its top to the IP and also the time from its bottom one to the IP.

### RECORD THE INTERMEDIATE POSITION FROM THE TOP OF THE AWNING



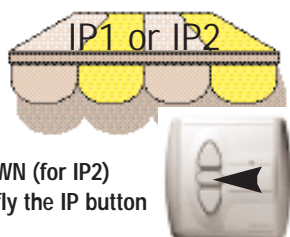
### RECORD THE INTERMEDIATE POSITION FROM THE BOTTOM OF THE AWNING



### REACH THE INTERMEDIATE POSITIONS

To reach one of the intermediate positions, set the awning is at its UP (for IP1) or DOWN (for IP2) limit, then press briefly the IP button of the RTS control.

⇒ The awning will move and stop at the dedicated intermediate position.



### DELETE AN INTERMEDIATE POSITION

To delete an intermediate position, press briefly the IP button of the RTS control to reach the intermediate position you wish to delete, then press continuously the IP button of the control until the led stops blinking (approx. 8 sec.).

⇒ The concerned IP is deleted.

## Diagnosis

The LED on the RTS control does not light.

Check the battery of the RTS control.

The led of the RTS control lights, but the motor does not operate.

- 1- Press the built-in manual security control of the Centralis receiver RTS.
- 2- Check the programming.
- 3- Check the good wiring of the motor and the Centralis receiver RTS.