

INSTALLATION *guide*

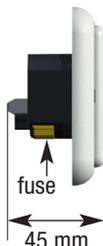
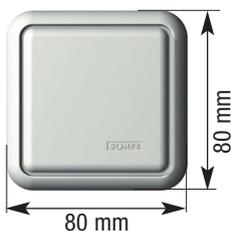
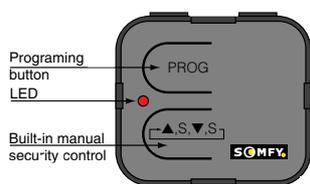


inteo *Centralis indoor RTS2*

CENTRALIS indoor RTS is a radio receiver for AC motor compatible with the RT and RTS controls : **Centralis RTS / Telis 1 RTS / Telis 4 RTS / INIS RT.**

- Up to twelve controls can be memorized together in the memory of **CENTRALIS indoor RTS** allowing individual, group and master commands.
- Two intermediate positions can be programmed.

1 Characteristics



Centralis indoor RTS2 240V

- Supply : 220-240V 2,5A 50/60Hz
- Fuse : 3,15A
- Output timing : 3 minutes.
- Frequency : 433.42 MHz
- Protection index : IP30
- Temperature : +5°C to +40°C
- Class II product



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_CE

usable in EU, (CH)

Centralis indoor RTS2 120V

- Supply : 100-120V 5A 50/60Hz
- Fuse : 6,3A
- Output timing : 3 minutes.
- Frequency : 433.42 MHz
- Protection index : IP30
- Temperature : +5°C to +40°C
- Class II product

2 Installation

**Installation allowed only by authorized electrician.
Before connecting the unit, read the instructions carefully.**

2.1 Mounting

Centralis indoor RTS2 can either be placed in a 50 mm inset mounting box (60 mm spacing) or surface mounted.

The range of radio control is limited by laws regulating radio devices and by building design. When planning, please ensure that there is adequate radio reception.

Recommendation of mounting in order not to affect quality of reception :

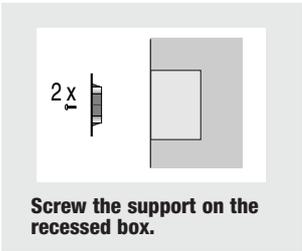
minimum distance between **Centralis indoor RTS2** and the floor : 1,5 m.

minimum distance between a **Centralis indoor RTS2** and a radio transmitter : 30 cm.

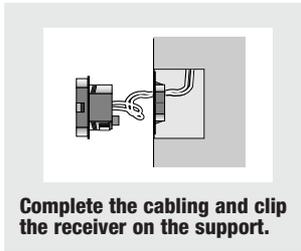
minimum distance between two **Centralis indoor RTS2** : 20 cm.

Centralis indoor RTS2 should not be installed in the immediate vicinity of metal surfaces. Powerful local transmitter equipment (e.g. cordless head-phones) with a transmission frequency identical to the **Centralis indoor RTS2** can affect its function.

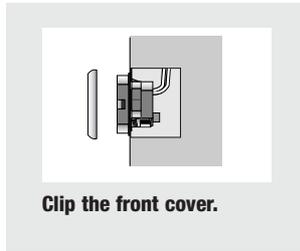
RECESSED mounting



Screw the support on the recessed box.

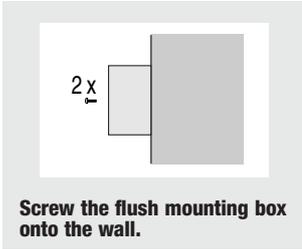


Complete the cabling and clip the receiver on the support.

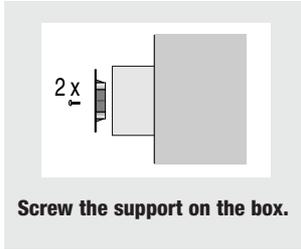


Clip the front cover.

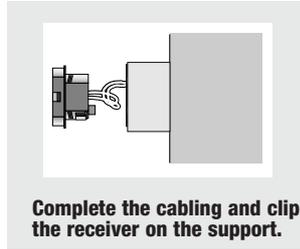
SURFACE mounting



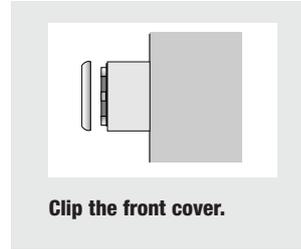
Screw the flush mounting box onto the wall.



Screw the support on the box.

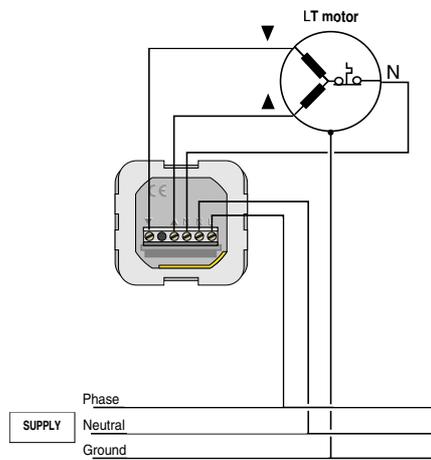


Complete the cabling and clip the receiver on the support.

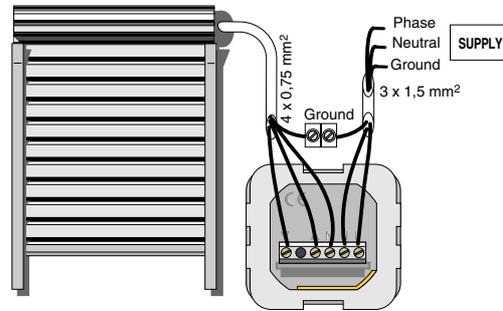


Clip the front cover.

2.2 Wiring



- disconnect the mains before carrying out any work.
- ensure that no forces act on the screw terminals after installation.



- L Live.
- N Mains Neutral.
- N Motor neutral.
- ▲ UP direction.
- ▼ DOWN direction.

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

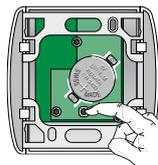
3 Radio programming

3.1 First programming

with a RTS control (Centralis RTS ; TELIS).

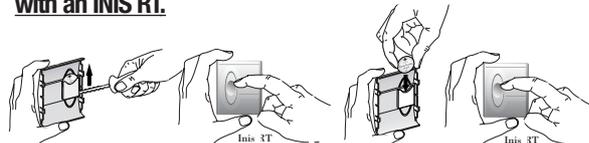


Press the PROG button of **Centralis indoor RTS2** until the LED lights. **Centralis indoor RTS2** is set in programming mode for one minute, ready to receive the address of a control (After one minute, the LED will go out).



Press shortly the programming button on the RTS control.

with an INIS RT.



1. remove the battery
2. press shortly the push button
3. replace the battery
4. press shortly the push button



The LED of **Centralis indoor RTS2** blinks indicating that the address of the transmitter is memorized in the receiver which automatically quits its programming mode.

MULTIPLE CONTROL (several transmitters for one receiver)

To add several RTS controls to the **Centralis indoor RTS2**, repeat the same procedure as described in 3.1 for each control. You can program up to 12 controls to one receiver. If you try to enter a 13th, your instruction will be ignored.

GROUP CONTROL (one transmitter for several receivers)

To program one control in several **Centralis indoor RTS2**, set all the receivers in their programming mode then repeat the same procedure as described in 3.1.

It is recommended not to use the INIS RT control only as a general control point.

3.2 Add a new control in the Centralis indoor RTS2's memory

- To add a new control in the memory of a RTS receiver, set the Centralis indoor RTS2 in its programming mode (§ 3.1), then press shortly the prog button of the RTS control you wish to add (to add an INIS RT, remove/replace the battery then press the front button).
- It is also possible to “wake up” the Centralis indoor RTS2 with another control.
From a RTS control already recorded: press for more than 2 seconds on the prog button of the RTS control, then press shortly the prog button of the RTS control you wish to add (to add an INIS RT, remove/replace the battery then press the front button).
From a RT control already recorded: remove/replace the battery and press the front button of the INIS RT, then press shortly the prog button of the RTS control you wish to add (to add another INIS RT, remove/replace the battery then press the front button).

3.3 Remove a control in the Centralis indoor RTS2's memory (on an existing installation)

- To remove a RTS control from the memory of a RTS receiver, set the Centralis indoor RTS2 in its programming mode (§ 3.1), then press shortly the prog button of the RTS control you wish to remove (to remove an INIS RT, remove/replace the battery then press the front button).
- It is also possible to “wake up” the Centralis indoor RTS2 with another control (§ 3.2), then press shortly the prog button of the RTS control you wish to remove (to remove an INIS RT, remove/replace the battery then press the front button).

3.4 Remove all the controls from the memory of a Centralis indoor RTS2

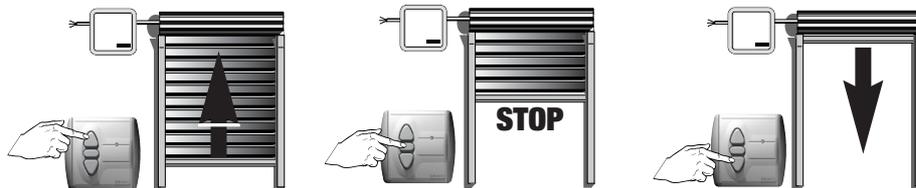
- To remove the addresses of all the controls from the memory of a Centralis indoor RTS2, press continuously its programming button until the LED blinks. It will also erase the intermediate positions (§ 4.2)

4 Operating

4.1 UP/DOWN/STOP commands

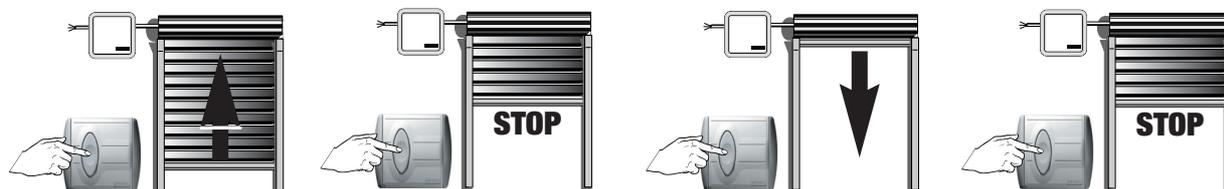
with a RTS control (Centralis RTS; TELIS 1/4 RTS) :

Press the UP or DOWN control buttons to operate the shutter in the desired direction. Press the STOP/IP button to STOP the shutter.



with an INIS RT :

Press the control button to operate the shutter : UP -> STOP -> DOWN -> STOP...

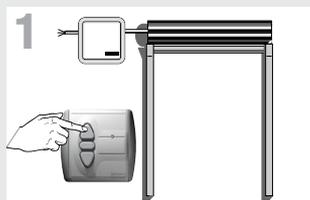


4.2 Intermediate positions

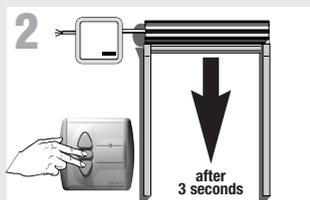
With the **Centralis indoor RTS2** and a **RTS control**, it is possible to programme one or two intermediate positions (IP) : one accessible from the top of the roller shutter (IP1) and one from the bottom (IP2).

To record these positions, the **Centralis indoor RTS2** has to record the time for the roller shutter to go from its top to the IP and also the time from its bottom one to the IP.

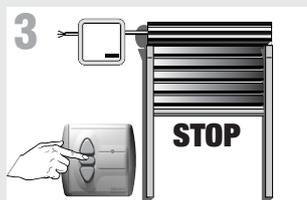
Record the IP1 from the top of the roller shutter



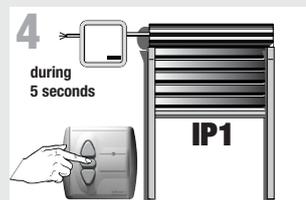
- Set the shutter at its **UP** limit with the  control button.



- Press simultaneously on the  and  button until the shutter begins to move **DOWN**.

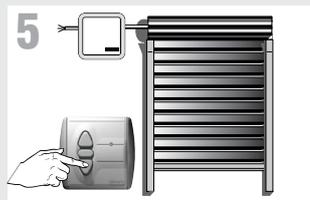


- Stop the shutter at the intermediate position you wish. If necessary, adjust this position with the control buttons.

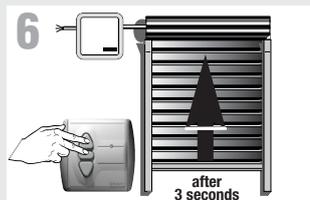


- Press the  control button for more than 5 sec. *The **Centralis indoor RTS2** has memorized the 1st intermediate position.*

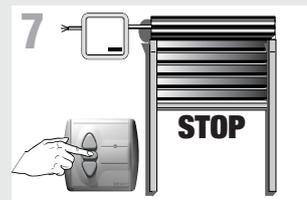
Record the IP2 from the bottom of the roller shutter



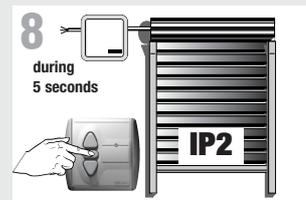
- Set the shutter at its **DOWN** limit with the  control button.



- Press simultaneously on the  and  button until the shutter begins to move **UP**.

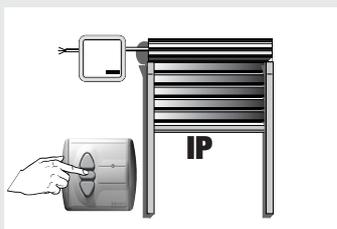


- Stop the shutter at the intermediate position you wish. If necessary, adjust this position with the control buttons.



- Press the  control button more than 5 sec. *The **Centralis indoor RTS2** has memorized the 2nd intermediate position.*

Reach the intermediate positions



- IP1** : press briefly the  button while the shutter is at its **UP** limit.
 - IP2** : press briefly the  button while the shutter is at its **DOWN** limit.
- The shutter will move and stop at the dedicated intermediate position.*

Delete an intermediate position



- Reach the intermediate position you wish to delete, then press continuously the  button for more than 5 sec.

The concerned IP is deleted.