

Version 4 Pocket Book





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Introduction

IMPORTANT READ THIS FIRST!

Good installation practice

This guide is intended to assist you when installing Somfy motors and control systems. Specific product installation guides are available if required. The installation of Somfy motor and control systems must be carried out by competent personnel. All electrical work must conform to AS/NZS 3000 and local wiring rules. If in doubt, please contact Somfy Customer Support on (o2) 8845 7200.

Please take the following points into consideration before installing Somfy motors and controls:



Where applicable, secure a drip loop to the supply cable of the motor



Do not directly connect more than 1 switch to a motor



Do not connect more than 1 motor to an individual switch (parallel wiring)





may damage sensitive parts





Do not drill into the motor or use a drill to adjust progressive limits

Ensure cable entries are secured at the correct point of the control/enclosure. Mount multiple RTS controls with a 20cm spacing distance to prevent interference.

Position the sensor where it will receive the same levels of sunlight and wind as the awning. Do not install an RTS sensor within 30cm of the motor head.





Introduction IMPORTANT READ THIS FIRST!

Guide to the pictograms and terminology used throughout the guide

This installation guide uses pictograms to illustrate the various procedures required to install Somfy motors and control products. The information below provides a brief explanation of what the pictograms represent and the course of action required to replicate the installation procedure:

Control button operation – The yellow or grey button images along with the yellow pointing arrow require the installer to push the corresponding buttons as illustrated in the guide. Where highlighted, there may also be a requirement to hold the buttons for a set time period e.g. – Press for 3 secs –

This would require the installer to press and hold the relevant button(s) for up to 3 seconds.

Turn the power on to the motor – Where you are instructed to, simply turn on the power and follow the instructions.

JIGGLE – The term 'jiggle' is used to describe a quick double movement from a Somfy RTS motor when it recognises a radio command and signals its response to the installer. In other words, you may signal a command to a RTS motor from a RTS controller and the end product (awning, roller shutter, blind etc.) will move briefly back & forth or up & down to confirm the command.

The word 'my' is inscribed on the Stop button of some Somfy RTS controls. This refers to the 'my' or intermediate position (IP) which is triggered by pressing the Stop or 'my' button. For this function to work, the installer must configure the intermediate position (if the function is available) according to the end user's requirements.

The stop icon over an illustration of an end product requires the installer to stop the end product in the position illustrated. This may be at the fully Up or Down limit positions or at a mid point to set an intermediate position. The stop command is achieved by pressing the Stop or 'my' button on a Somfy control.

Throughout the guide, the 'Somfy Tip' icon will be displayed to provide the installer with additional information. Please take the time to read this information as it could save you time and provide invaluable insight relating to the motor or control functionality you are currently working on.

С

COMPATIBLE WITH... Wherever you see this symbol, the listed controllers are fully compatible with the shown component.

Introduction IMPORTANT READ THIS FIRST!

Ensuring correct operation: When UP is UP or RETRACTED and DOWN is DOWN or EXTENDED

1. Ensuring correct operation

Whenever operating Somfy equipment make certain that the control of the end product follows the below mentioned working functionalities. This will guard against unwanted or erratic behaviour that could occur due to automated commands that are carried out by the various controllers, sensors, etc.



2. Explanation

When using a Somfy controller the "Up" button should always raise or retract. (Illuminate the Light if using a light receiver).

The "My" or stop button will stop the product when it's in motion. (Turn off the light if using a light receiver) or if an IP or "My" position has been set (see page 6 for description, and associated product sections for programming), pressing the "My" button again will send the product to its pre-programmed intermediate position.

The "Down" button on the remote should always lower or extend the end product. (Turn off the Light if using a light receiver). Verify your remote or controller is positioned correctly by making sure the "My" and "Somfy" labels are read the right way around or the channel LEDs (where used) are at the bottom.

Introduction **IMPORTANT READ THIS FIRST!**

Program button location for RTS transmitters and receivers

Transmitter program buttons





Lighting Outdoor RTS





DC RTS Receiver



Power 2.5 DC RTS

Introduction

IMPORTANT READ THIS FIRST!

Universal test lead

The universal setting tool enables the 230 V Somfy radio (RTS), wired electronic control (WT) and wired mechanical motors to be commissioned, as well as motors for both wired mechanical and electronic exterior venetian blinds.

In the event of a malfunction, the universal setting tool is used to determine whether the fault comes from the power supply or the motor itself.



RTS - 230/240 VAC



RTS Motors Altus RTS, Orea RTS & Sonesse RTS





















Altus RTS & Sonesse RTS Adjusting motor limit positions



Note: the following procedure will only work if the limit is accessible, otherwise please refer to 'erasing the memory of the motor' section.



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Altus RTS & Sonesse RTS Adjusting motor limit positions



RTS Motors "My" position programming



Note: the following procedure will only work after programming has been completed.



RTS Motors "My" position programming





RTS Motors Pair new channels or remotes Set the motor in programming mode with an existing RTS control OR Press for 3 secs RTS control Press for 3 already assigned to the motor Centralis RTS Telis RTS jiggle = motor ready to record new control 2 Program the RTS control OR

New RTS control Press for 1 secs Press or to assign to the motor jiggle = new control Centralis RTS Telis RTS



recorded

RTS Motors Pair new channels or remotes





RTS Motors Creating a group channel





RTS Motors Removing an RTS control from the motor







Using this method you will not be able to delete the final remote programmed. Refer to 'erasing the memory of the motor' section to delete all remotes and sensors.

RTS Motors Removing an RTS control from the motor





RTS Motors

Procedure to replace a lost or damaged RTS control







This procedure will only delete previously programmed remotes and program in the remote that has been pressed. RTS sensors will not be deleted.

RTS Motors



Procedure to replace a lost or damaged RTS control



RTS Motors Erasing the memory of the motor







All remotes, including the remote used to finalise programming will be deleted along with all sensors and recorded limits that have been programmed.

RTS Motors Erasing the memory of the motor





Sonesse 40 RTS Changing motor direction





Sonesse 40 RTS Mode change





Sonesse 40 RTS Change scroll wheel direction





Sonesse 40 RTS Add sun disappearing position





Sonesse 40 RTS Change sun disappearing position





Sonesse 40 RTS Delete sun disappearing position





Oximo RTS Programming




Oximo RTS Programming





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Oximo RTS Programming & limit setting





Oximo RTS Programming & limit setting





CSI RTS Programming & limit setting





correct.

Continue to step 6

button until the

product jiggles.

5 secs

CSI RTS Programming & limit setting





Centralis RTS

40

Telis RTS

jiggle = control recorded

CSI RTS Programming & limit setting





Loggia RTS Programming





J4 RTS Programming





J4 RTS Changing Upper Limit





J4 RTS Changing Lower Limit





RTS Sensors Eolis & Soliris RTS sensor



Sensor Overview



1. Wind

Adjusting the wind sensor value will enable the awning to retract at a specific wind speed. Turning the adjuster anti-clockwise (toward the negative) will make the end product retract on a small amount of wind.

Turning the adjuster clockwise (toward the positive) will make the product retract on a higher amount of wind.

Turning the wind adjuster into demo mode will lower the required wind threshold and reduce all waiting times for sun appearance/ disappearance and wind blowing/ not blowing.

Ensure Demo mode is deactivated before completing the commissioning procedure.

2. Sun

Adjusting the sun sensor value will enable the awning to extend and retract at a specific light level. Turning the Adjuster anti-clockwise (toward the negative) will make the end product extend on a small amount of light.

Turning the adjuster clockwise (toward the positive), will require a larger amount of light in order to make the product extend.

When cloud cover or darkness causes the light level to drop below the preset, the awning will retract.

Ensure automatic sun mode is enabled with Telis Soliris Remote.

3. Mounting

The sensor must be mounted horizontally.





RTS Sensors have indicator LEDs that will flash when sun/wind present and light up solid when a signal has been transmitted. RTS sensors are NOT compatible with Loggia motors.

RTS Sensors Eolis & Soliris RTS sensor wiring diagram





Note: Soliris Sensor RTS has a black "cap" on the top most extremity

RTS Sensors Eolis & Soliris RTS sensor programming





be removed from the installation. See page 47.



Altus RTS, Orea RTS

Universal Receiver, Modulis Slim Receiver.

RTS Sensors Eolis & Soliris RTS sensor programming





RTS Sensors Eolis & Soliris RTS sensor deleting





RTS Sensors Eolis & Soliris RTS sensor deleting





RTS Sensors Sunis RTS sensor programming





RTS Sensors Sunis RTS sensor programming





RTS Sensors Sunis RTS sensor deleting





RTS Sensors Eolis 3D RTS sensor programming



Programming the sensor to the motor memory Press for 2 secs Press for 0.5 secs RTS Control already recorded jiggle jiggle = sensor added Adjusting sensitivity Set the motion threshold adjuster to between 3-6. Note: Setting to 'o' will put the sensor into a learning mode. Refer to the installation guide for more details. Test the sensor Test the sensor functionality by shaking the awning. sensor added The awning should retract if the sensor has been programmed correctly. Removing, then replacing batteries after changing settings is recommended. Make sure the Up button retracts and Down extends, otherwise you need to reset the awning. Altus RTS & Orea RTS

Universal Receiver

RTS Sensors Eolis 3D RTS sensor programming





RTS Sensors Eolis 3D RTS sensor deleting





If installation is incorrect or the batteries are low, the awning will retract every 15 to 30 minutes.

RTS Sensors Eolis 3D RTS sensor deleting





ThermoSunis & Sunis Indoor Wirefree RTS sensors



The Thermosunis and Sunis Indoor RTS Sensors are suitable for various end products. Please ensure the correct operating mode is selected for the required end product. Each style of end product requires its own sensor (and for the Sunis Indoor/Thermosunis Mode 1 ensure the sensor is only used with 1 motor).



Sun & Temperature On/Off Switch



For the Sunis Indoor, Sliding the switch to the right turns the sensor on, and sliding to the left turns the sensor off. Unlike other Somfy RTS Sensors, the sensor can be turned off without the use of a remote.



For the Thermosunis Indoor, Sliding the switch to the centre positions turns the sun sensor on, sliding the switch to the right turns both the sun and temperature sensors on, and sliding to the left turns both of the sensor off. Unlike other Somfy RTS Sensors, the sensor can be turned off without the use of a remote.

Select the Operating Mode* - Mode 1 - Sunis Indoor and ThermoSunis Single Roller Shutter or External Blind. One Sensor per Motor.



0
*

*The Sunis Indoor sensor is always in Mode 1 and cannot be changed.

[†]Only when sun and temperature mode is selected with the thermosunis. Sun Appearing and Temperature⁺ Exceeded

End product moves down, stops in front of Sensor and moves up to uncover the sensor.



Dynamic Sun Position Sensor is temporarily shaded by the end product

End product moves up to uncover the sensor as the sun angle changes.

Note: The end product needs to block light to the sensor to be able to react correctly.

> Sun Disappearing or Temperature* falling below threshold End product moves to the upper limit.

ThermoSunis & Sunis Indoor Wirefree RTS sensors



Mode 2 - ThermoSunis Only, Multiple Roller Shutter, Internal or External Blinds



Sun Appearing and Temperature⁺ Exceeded End product moves down and stops at the "mv"Position (must be set on the end product).



Note: The end product cannot block light to the sensor for correct operation.

Sun Disappearing or Temperature⁺ falling below threshold End product moves to the upper limit.

Mode 3 - ThermoSunis Only. Multiple Roller Shutter, Internal or External Blinds





Sun Appearing and Temperature⁺ Exceeded End product moves down and stops at the end limit.



Note: The end product cannot block light to the sensor for correct operation.

Sun Disappearing or Temperature⁺ falling below threshold

End product moves to the "my" Position.

Pairing



Press the Program button on the remote for 3 seconds



Briefly press the program button on the sensor



Adjusting Threshold



Turn the sensitivity adjustment all the way to the "+", clockwise direction. The LED should be illuminated red. Gradually decrease the sensitivity until the LED changes to green. The threshold will now be set to the current light or temperature level.

Current level under threshold



over threshold

Deleting



[†]Only when sun and temperature mode is selected with the thermosunis. © copyright SOMFY Pty. Limited 2015 60



ThermoSunis & Sunis Indoor Wirefree RTS sensor Programming





RTS receivers Wiring Diagrams







The motor's active for a direction is dependent on the installation.

Refer to the motor's enclosed documentation to determine the appropriate directional wire colour.

RTS Receivers Wiring Diagrams



Universal Receiver RTS





The motor's active for a direction is dependent on the installation.

Refer to the motor's enclosed documentation to determine the appropriate directional wire colour.

RTS Receivers Wiring Diagrams









Centralis Indoor, Centralis Uno RTS, Universal Receiver, Outdoor/Indoor Lighting Receivers Programming RTS receivers





Some Somfy receivers have an LED and others provide visual feedback by moving the end product. Ensure you have identified the type of receiver you are working on prior to programming.

It is possible to set Somfy receivers into the programming mode remotely using an RTS control already assigned (particularly useful if the receiver or motor is difficult to reach)



This procedure will mimic what happens in step 1, but without having to gain access to the receiver/motor. After this procedure continue to step 2.

Centralis Indoor, Centralis Uno RTS, Universal Receiver, Outdoor/Indoor Lighting Receivers Programming RTS receivers





Mod/Var & Universal Slim Receiver Overview





Telis Range Telis RTS – Silver/ Patio/ Lounge/ Pure



Battery Replacement Replace with a new 3 Volt Use the screwdriver to Use the **G** screwdriver to Remove back cover/ CR2430 battery, ensuring the unscrew the 1 or 3 screws on Slide down and remove slide the battery out of the (+) symbol is pointing away the back of the remote back cover batter holder from the circuit board Setting the 'my' position Press for 5 secs The 'my' position Send the motorised product to Press and hold the has been successfully vour favourite position iiggle 'mv' button for 5 seconds saved (press 'my' button to stop) Deleting the 'my' position Press for 5 secs The 'my' position Tap the 'my' button and wait for Press and hold the has been successfully the motorised product to reach jiggle 'my' button for 5 seconds deleted its programmed 'my' position

The 'my' position is not available on all motors and controllers, please contact Somfy for more information. If used in conjunction with a sun sensor, the motorised product will move to the 'My' position when sun is present.

Mounting the Wall Support Knob



Pre-drill a 6mm hole in the chosen location. Insert plug into the hole. Slide the thread onto the screw, ensuring the screw fits flush within. Use the screwdriver and screw into the plug



Screw the knob into the thread in a clockwise direction



Hang remote on the wall support knob

Telis Mod/Var RTS Overview



Telis Mod/var 4 Overview



Function Overview

The central scroll wheel is for precise adjustment of horizontal blind slats.

The Up and Down buttons are on the edge of the scroll wheel. The 'My' position stores the Intermediate Position the same way as other Telis RTS controls.



All Somfy RTS products are compatible with each other.

The Telis Mod/var Soliris RTS has the added Sun feature similar to the Telis Soliris RTS.

Telis Soliris RTS Overview



Telis Soliris Overview



Wind/ Sun and Wind Button (Sensor Button)

Telis Soliris remotes are required when a Soliris RTS Sensor or Sunis RTS sensor is paired with the motor. The Telis Soliris RTS remotes are equipped with a Sun Sensor activation/ deactivation button. The Sun feature is deactivated by default. To "turn on" the Sun Sensing feature, press the Channel Selection button until all four (one for the Telis Soliris 1) LEDs are illuminated, then press and hold the Sensor Button until the two LEDs surrounded by the printed box around the "Wind Sock" move to the two LEDs surrounded by the printed box around the "Wind Sock" and the "Sun" picture. Disabling the Sun Sensing feature follows the same process. The Wind Sensor (where fitted) is always active and will retract your blind/ awning in the event of excessive wind to prevent damage to your installation.



When the motor is paired with a sun sensor, and the Sun function is activated, the motor will go to the "My" position once the Sun sensor is activated.

Telis 16 RTS & Telis 6 Chronis RTS Overview





WEY 10

This remote uses 2 AAA batteries - never use rechargeable batteries. If no action is made with the remote control within 2 minutes, it goes into "time out mode". When users "wake up" the remote control (with up/ stop-my/ down buttons), the last channel selected appears.
Smoove RTS Overview



Smoove RTS Control Overview



Function Overview

Press and hold the On/ Off button for 2 seconds to turn on device – the LED light will flash to indicate that device is on. Press and hold On/ Off button for 2 seconds to turn off device.

Setting the 'My' position procedure is the same as the Telis range.

Telis 16 RTS Channel naming





Telis 6 Chronis RTS Channel naming





Telis 6 Chronis RTS Modifying general parameters





Telis 6 Chronis RTS Modifying general parameters





Telis 6 Chronis RTS Adding an automatic order





Telis 6 Chronis RTS Editing an automatic order





Telis 6 Chronis RTS Copying an automatic order from one day to another





Telis 6 Chronis RTS Deleting an automatic order





Telis 6 Chronis RTS Initial setup





Telis 6 Chronis RTS Initial setup





Mod/Var Slim & Universal Slim Receivers Programming & limit setting for LT motors







If the direction of the motor is incorrect, reverse the wiring of the black and brown motor cables

Mod/Var Slim & Universal Slim Receivers Programming & limit setting





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Mod/Var Slim & Universal Slim Receivers Programming





Mod/Var Slim & Universal Slim Receivers Returning to factory configuration





Chronis RTS (Chronis Uno and IB follow the same procedure) Overview





Chronis RTS (Chronis Uno and IB follow the same procedure) Setting the mode





Mode Selection

Normal Mode

The timer will issue a command at the preset time programmed into the Chronis unit.



Security Mode

In security mode, the timer will issue a command with a random +/-15 minute variance of the preset time programmed into the Chronis unit (random time operation to simulate occupancy).





Cos1 & Cos2 are only applicable for the northern hemisphere

Chronis RTS (Chronis Uno and IB follow the same procedure) Setting the time of year





Chronis RTS (Chronis Uno and IB follow the same procedure) Setting the date





Chronis RTS (Chronis Uno and IB follow the same procedure) Setting the Up & Down timer commands





Chronis RTS (Chronis Uno and IB follow the same procedure) Change time & date





Dry Contact Transmitter Operation

Dry contact transmitter



Pulse only

1.5 sec



TERMINAL CONNECTIONS

- N Neutral
- L Live
- Volt free contact Common
- Volt free contact Up command
- Volt free contact Down command

CONTROL

Short circuit Common and Up command (C & \blacktriangle) to generate an Up RTS signal Short circuit Common and Down command (C & \checkmark) to generate a Down RTS signal Short circuit Common, Up and Down command (C , $\blacktriangle \otimes \checkmark$) to generate a Stop RTS signal



RS485 RTS Transmitter Operation



Overview Dry Contact Switching Channel 2 Channel 3 0 0 Somfy RS485 RTS TRANSMITTER TERMINAL CONNECTIONS C - Volt free contact common Volt free contact up Power Supply RS485 Volt free contact down 255VAC 5018 - + G To RS485 * Please refer to the Control System* interface instruction Recommended cable: Shielded, two twisted-pair type, 22 - 24 AWG guide from (120 Q) programming instructions. A software engineer may be required for the Dry contact control for channels 1-5 programming of the Short circuit common and up command (C & ▲) to generate an Up RTS signal** BMS. Short circuit common and down command (C & ▼) to generate a Down RTS signal** Short circuit common, up and down command (C, ▲ & ▼) to generate an Up RTS signal** **Contact requires 1.5 sec pulse only. Only a single dry contact command can be transmitted at one time. Pairing a dry contact channel





Glydea Overview

Glydea Overview RTS module socket Mode Button LED light Set/Select button RJ12 port RJ 12 Note: Commands are issued by shorting the o volt contacts on the Glvdea. Close and Common together will issue a Close order, Open and Common will issue an Open command. Close, Open and Common together will stop 6: Close 1: Open the Glydea. Contact requires <1.5 second pulse 5v and IR 5: Stop 2: Not Connected Output are only required with using an IR3 sensor. 3: Common 4: Not Connected

Mounting guide





Make sure you slide the lock on the motor, when installing the motor to the track.



Recommended – DCT Setting Tool or Univeral Test Lead to commission this product.

Glydea Wiring diagram



Glydea 35e & 60e DCT Changing the motor direction



Glydea 35e & 60e DCT Dry contact ergonomics setting



Glydea 35e & 60e DCT Erasing the memory of the motor



Glydea 35e & 60e DCT Motor with RTS Receiver Modifying the end limits



Glydea 35e & 60e DCT Motor with RTS Receiver Modifying the motor direction



Glydea 35e & 60e DCT Motor with RTS Receiver Erasing the memory of the motor



Glydea 35e & 60e DCT Motor with RTS Receiver Modifying the motor speed



Glydea 35e & 60e DCT Motor with RTS Receiver Touch motion



Glydea 35e & 60e WT Motor Modifying the motor direction



405 × 10

The WT motor direction can also be changed by swapping the directional (Brown and Black) wires
Glydea 35e & 60e WT Erasing the memory of the motor



Glydea 35e DCT Motor with RTS Receiver Programming



Glydea 60e DCT Changing the open & close limits



Glydea 60e DCT Modifying the motor speed



Glydea 60e DCT Changing the touch motion mode



Glydea 60e DCT with RTS Receiver Programming



Glydea 60e WT Modifying the motor speed



Wired-230/240 VAC

HOME MOTION by

LS40 & Sonesse WT Limit settings





INFORMATION: The LS40 motor is supplied preset with 3 tube revolutions between limits

Identify the limit adjuster which corresponds to the rotational direction



Motor RH side

Fabric/shutter rolling from the front



Direction 1 = DOWN

Direction 2 = UP

Direction 1 = UP

Direction 2 = DOWN

Direction 1 = DOWN



Motor RH side

Fabric/shutter rolling from the rear

Motor LH side

Fabric/shutter rolling from the rear

Motor IH side

Fabric/shutter rolling from the front





Direction 2 = UP



Direction 2 = DOWN

LS40 & Sonesse WT Limit settings



Note: Do not use a drill to set progressive limit switches



LS40 & Sonesse WT Limit settings





Decrease the limit range at the Lower limit position

Give an up command to send the motor to approx 300mm from the desired bottom limit. Turn the corresponding limit adjuster in a clockwise direction (towards '-') for approx. 20 turns. Give the down command. If the motor does not stop before the desired limit then repeat until the limit is found.



LS40 & Sonesse WT Limit setting





HiPro LT50/60, CSI Limit setting

Test lead connection

Wherever possible, use a Somfy test lead to re-adjust or set 230/240Vac motor limit positions. The Somfy test lead is equipped with a momentary two way paddle switch for precise control of the motor, it is fitted with rapid fit connecters to terminate the motor supply wires.

The test lead will ensure that you have total control over the motor and will prevent accidental over-running of the limits when attempting to adjust with fixed or impulse switch control.





HiPro LT50/60, CSI Limit setting





HiPro LT50/60, CSI Limit setting





Orea WT Limit setting





ILT2 & Sonesse ILT Limit setting



DOWN

Setting the limits using the electronic setting tool

Connect the Motor to Power

Connect the ILT Data cable to the motor and ILT limit setting tool

Slide the selector switch on the limit setting tool to the UP position

Check motor direction

To change directions

Press the Stop button on the limit setting tool for 3 seconds

Setting upper limit

Move the motor to your desired Up limit

Slide the selector switch back to the central position

Setting lower limit

Slide the selector switch on the limit setting tool to the DOWN position

Move the motor to your desired Down limit

Slide the selector switch back to the central postition

Check functionality

Complete

Note: For setting of the ILT motor, the ILT Limit setting tool must be used. (Part number: 9050280)

i sai

LT LANS (artising has



Set the Intermediate Position by holding the Stop button for 5 seconds with the selector switch in the middle position.

ILT2 & Sonesse ILT Limit setting





Inis Uno & Inis Duo Wiring Diagram





The motor's active for a direction is dependent on the installation.

Centralis Uno IB & Centralis IB Wiring Diagram





The motor's active for a direction is dependent on the installation.

Smoove Uno IB & Smoove IB Wiring Diagram





The motor's active for a direction is dependent on the installation.

1 AC Moco & 2 AC Moco Overview





1 x 240V AC motor (IAC Moco) and 2 x 240V AC Motor (2AC Moco) (3.15A max) can be connected to the controller for local switching or via Somfy's Animeo IB+ Façade Management System. The IAC and 2AC Motor Controller can be configured to work in Venetian Mode EU, Venetian US or Screens Mode (see 'Changing mode' section for instructions). When connected to an Animeo IB+ Network the controller will follow commands from a Building Controller (BuCo). Potential free switches can be used for local control.

1 AC Moco Wiring Diagram

1 AC Motor Controller





The motor's active for a direction is dependent on the installation.

2 AC Moco Wiring Diagram







1 AC Moco & 2 AC Moco Changing mode





1 AC Moco & 2 AC Moco Changing mode





4 AC Moco Overview

WIRED TECHNOLOGY.

4AC Motor Controller



Up to 4x 240v AC motors (3.15A max per output) can be connected to the controller for local switching or via Somfy's Animeo IB+ Façade Management System. The 4AC Motor Controller can be configured to work in Venetian Mode EU, Venetian US or Screens Mode (see 'Changing mode' section). When connected to an Animeo IB+ Network the controller will follow commands from a Building Controller (Buc(o). Potential free switches can be used for local control or with an optional RTS card or IR card, can be used remotely.

Note: Full reset - Press program button for 15 seconds

4 AC Moco Wiring Diagram





The motor's active for a direction is dependent on the installation.

4 AC Moco Changing mode



Moco end product programming 4 AC

IMPORTANT NOTES

The LEDs on the Moco correspond to the following:

LED Colour	Label	LED indicates
GREEN))	RTS card installed
YELLOW	. EXT	Screens mode
ORANGE	.IB	Venetian EU mode
RED		Venetian US mode

Blinds may move during programming if a RTS card is installed.



4 AC Moco Changing mode





4 AC Moco Adding remote





4 AC Moco Adding remote





4 AC Moco Adding remote





RS485 Setting Tool Overview





Sonesse 50 RS485 Overview




Soliris Uno Wiring Diagram





Note: Only one sun sensor and/or one wind sensor can be connected to a single Soliris Uno.



Soliris IB Wiring Diagram





A The motor's active for a direction is dependent on the installation.

Eolis Box 2 Wiring Diagram







Chronis Uno Wiring Diagram





405 FV 110

The motor's active for a direction is dependent on the installation.

Low Voltage

HOME MOTION by



Continue to step 5











Roll Up 28 RTS & WireFree Roll Up RTS Adjusting RTS motor limit positions





Roll Up 28 RTS & WireFree Roll Up RTS Adjusting RTS motor limit positions





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Roll Up 28 RTS & WireFree Roll Up RTS Erasing the memory of the motor







All remotes including remote used to finalise will be deleted along with the limit programming and any sensors that have been programmed.

Roll Up 28 RTS & WireFree Roll Up RTS Erasing the memory of the motor



LT28 Limit setting





LT28 Limit setting





Integrated DC RTS & DC RTS receiver Wiring Diagram



Integrated DC RTS & DC RTS receiver 24v Receiver Programming



Integrated DC RTS & DC RTS Receivers

Receiver programming



Integrated DC RTS & DC RTS Receivers Adjusting "My" position



Setting Running Times





Press and hold the Up and Down buttons together for 3 seconds





Press the My and Down buttons for 3 seconds



Press the My and Up buttons for 3 seconds



Press and Hold the My button for 3 seconds



The Blind will move up for 10 seconds



Jiggle





Use the Up button to send the blind to the top limit





Hold the Down button until the blind reaches the lower limit



Hold the Up button until the blind reaches th upper limit





Press and Hold the My button for 10 seconds

Jiggles twice



Integrated DC RTS & DC RTS Receivers Adjusting "My" position

Adjusting Intermediate Position

1

NOTE: The intermediate position is set by default at the fully retracted position and slats tilted to 45 degrees.





Use the Up or Down button to move the product towards the desired Intermediate Position.



Stop the blind at the desired Intermediate Position



Record the position by holding the Stop button



Jiggle "My" Position set



Integrated DC RTS & DC RTS Receivers Adjusting "My" position



Integrated DC RTS & DC RTS Receivers Adjusting the tilt speed



Integrated DC RTS & DC RTS Receivers Adjusting the tilt speed



Centralis DC IB Wiring Diagrams



Centralis DC IB & Centralis IB Wiring Diagrams



Terms & Conditions

HOME MOTION by

Terms and Conditions

9. BUYER'S USE OF THE GOODS

9.1 If the Buyer purchases the Goods for the purposes of resale, the Buyer must transfer to the purchaser of any Goods resold the benefit of SOMFY's warranty against defects contained in clause 11. The Buyer is not otherwise entitled to make any other representation or warranty to any other person on SOMFY's behalf.

10. EXCLUSIONS AND LIMITATIONS OF LIABILITY

10.1 Nothing in these Conditions is to be read as excluding, restricting or modifying the application of any legislation which by law cannot be excluded, restricted or modified.
10.2 Subject to clause 11, and to the maximum extent permitted by law, these Conditions exclude all other conditions, warranties, guarantees, liabilities or representations in relation to the Goods.

10.3 Subject to clause 11.1, and to the maximum extent permitted by law, (f) SOMFY's liability, whether arising in contract, tort (including negligence), or otherwise for or in connection with any failure to comply with the warranty in clause 11 or under any statutory or implied condition, warranty or guarantee, is limited (at SOMFY's option) to, and completely discharged by, repairing or replacing the Goods, or paying an amount equal to the cost of the same; and (ii) SOMFY excludes all other liability, whether direct, indirect or consequential, arising out or in connection with, the Goods or their use.

10.4 Subject to clause 10.3, to the maximum extent permitted by law, SOMFY will not be liable for any indirect or consequential damage, loss, liability, cost or expense of any kind (including any loss of profit) arising out of or in connection with the Agreement or a breach thereof, or these Conditions, whether or not the damage, loss, liability, cost or expense was in the reasonable contemplation of the parties when the Agreement was entered into.

11. WARRANTY FOR DEFECTIVE GOODS

11.1 Our Goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the Goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. However where the Buyer or a purchaser is not a "consumer" within the meaning of the Australian Consumer Law, the guarantees referred to in this clause 11.1 do not apply.

11.2 In addition to any rights and remedies that a purchaser of Goods may have under the Australian Consumer Law or any other law, subject to any express warranty or exception in this Agreement, SOMPY warrants that the Goods will be free from defects in materials and workmanship under normal and proper use for a period of 5 years from the date of manufacture or, if this date is not ascertainable, 5 years from the date of invoice to the Buyer.

11.3 The warranty period in clause 11.2 will be 3 years if the Goods are



motors, controls and accessories used for residential garage doors.

11.4 The Buyer is responsible for all installation, reinstallation and freight costs in connection with any repair or replacement of Goods that do not comply with the warrantly in clauses 11.1 and 11.2.

11.5 The warranty in clause 11.2 does not apply: (1) if usage, selection, adaptation, installation, operation or wiring of the Goods or any electrical connections are not in accordance with SOMF/'s written selection guides, installation, operating instructions, professional standards and wiring diagrams;

(2) if the Goods have been opened, dismantled or returned with clear evidence of abuse, negligent use or other damage;

(3) if the Goods have been used to perform functions other than those specified in SOMFY's catalogues and selections guides or any other functions as notified in writing by SOMFY from time to time;

(4) if the Goods are used with any inappropriate products, software or other goods that have not been approved in writing by SOMFY;

(5) to unauthorised maintenance or modifications to the Goods;

(6) any damage to the Goods caused by an external source regardless of its nature (including penetration by liquid); (7) to the extent that SOMFY specifically notifies the Buyer that it does not apply; or

(8) to batteries or other consumables.

11.6 In order to claim under the warranty in clauses 11.1 and 11.2 a purchaser of Goods resold by the Buyer must:

(1) Contact SOMFY at the address below within the warranty period; or

(2) Contact the supplier within the warranty period; and(3) Provide the original proof of purchase.

SOMFY Pty Limited ABN 77 003 917 244, Unit 9, 38-46 South Street, Rydalmere NSW 2116 Ph +61 2 8845 7200 or support. au@somfy.com

Extract taken from Somfy Pty Limited Terms & Conditions of sale. For a full copy, please contact Somfy Customer Support on 1800 0 SOMFY.



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