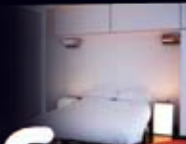


Compliment your offer with Somfy powered solutions



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[www.somfysmarthome.co.uk](http://www.somfysmarthome.co.uk)

# Welcome | Somfy smart home

Compliment your smart home offer with Somfy powered solutions

Somfy offer a complete range of solutions for all types of interior and exterior solar shading and security applications for in and around the home. Each solution has been developed so that it can be seamlessly integrated with third party control systems from other leading manufacturers using Dry contact, Radio, Infrared (IR,) RS 485, KNX or conventional controlling systems.



## Somfy

Somfy is a global company present in over 50 countries across all 5 continents. There are currently over 200 million end users and over 30,000 professional clients currently using Somfy powered applications.



As a member of Cedia we recognise that problems can arise when automation systems from different manufactures are specified for a project. For that reason we are proactively working with leading manufacturers in the custom-install market to ensure Somfy products knit seamlessly with the leading third-party control systems.

## The Somfy product range

The Somfy motor and control range offers a diverse solution portfolio for automated shading and security solutions. A variety of communication and connection options, such as RS485, KNX, Infrared, Radio and contact closure are available to allow simple integration with third party control systems.

## Our UK & Ireland retail network

With a network of over 250 approved retail outlets throughout the UK & Ireland. Our customers are able to provide your clients a place to visit and make final decisions on a specific application – e.g. blind fabric type/colour. Your local retail outlet can then fabricate the motorised product and supply or install depending upon requirement.

## Somfy dealer locator

We receive a high volume of traffic to our consumer website from end users interested in Somfy powered solutions, with a good percentage visiting our online dealer locator. This enables the end user to select the application of interest and identify a local retailer who is qualified to specify and install Somfy powered solutions.



# Somfy solutions

Our products can be used to automate the majority of shading and security applications.



## Conservatory:

- Motorised conservatory roof blinds



## Kitchen/Dining:

- Motorised Venetian blinds



## Master Bedroom:

- Electric curtain track
- Motorised LCD lift
- Motorised roman blind



## Garage/Gate:

- Automatic garage door operator
- Automatic gate operator
- Motorised roller shutter



## Patio Area:

- Motorised awning



## Lounge:

- Motorised blackout blinds
- Motorised projector screen
- Motorised projector lift
- Electric curtain track



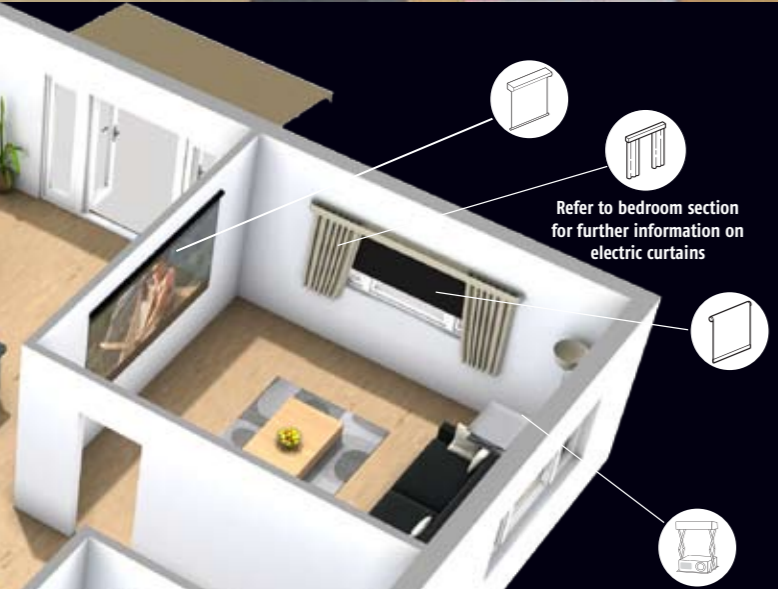
## Bathroom:

- Battery powered motorised roller blind



## Lounge | create the perfect ambience

Motorised blackout blinds, electric curtain tracks, projector screen & projector lift



Use RS485, KNX or conventional control options to seamlessly integrate motorised blackout blinds, electric curtains and projector equipment with other third party control systems.




### Projector lifts

- Quickly and quietly raise and lower projector lifts from a ceiling cavity

Connection methods:





### Interior blinds

- A range of motors are available for all types of interior blind applications including ultra-quiet drive motors rated at 44db A – a suitable choice for interior applications where quiet operation is a requirement.
- Intelligent motors are also available, which provide features such as perfect end position alignment where precision and aesthetics are important

Connection methods:







### Motor options

- A range of ultra quiet drive motors rated at 44db A – near silent operation
- Suitable for interior blinds, screens and projector lifts
- 230V ac and 24V dc supply
- Regulated speed control
- Programmable pre-defined positioning


Connection methods:

### Projector screens

- Unobtrusive, high speed, low noise tubular motors for smooth operation of projection screens

Connection methods:



## Kitchen | convenient control of daylight

Motorised Venetian blind

Provide the ultimate control over light, glare and visibility – accurately tilt 25mm to 50mm venetian blinds using the only scroll wheel remote control available on the market. Electrically operate one of several blinds through an integrated control panel or conventional hard wired, IR or radio controlled wall mounted switch.



### Telis Modulis RTS

- Control 25mm and 50mm Venetian blinds
- Scroll wheel remote control for precise tilting of venetian blind slats
- Control of one or several blinds together or separately



### Venetian blind motor

- Motors are available for 25mm and 50mm venetian blinds
  - Regulated speed control
- Connection methods:



## Conservatory | visual and thermal comfort

Motorised conservatory roof blinds

Operate conservatory roof blinds individually or in groups from anywhere in the home. Add light and thermal sensors for automatic functionality.



### Conservatory roof blind motors

- Operate individually in zones or as a group
- Motors available for all types of interior window blind applications

Connection methods:



### Thermal Sensor

- Automatically controls blinds according to light and temperature
  - Battery powered
- Connection methods:



## Patio area | extra living space

Motorised awning

A range of solutions are available for all types of awning systems, which can be controlled in a number of ways and interface with garden lighting and patio heating systems. Sensors can be added to provide automatic control depending upon changing weather conditions.

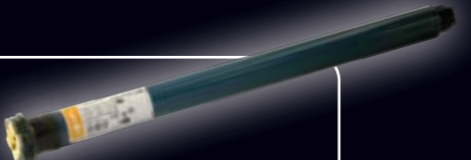


**Awning options:**

- Automate one or several awnings
- Automatic operation with weather sensors
- Interface with lighting and patio heating systems
- Control other products around the home with the same remote control i.e. gates, garage doors, blinds

Connection methods:

RS 485 KNX RTS WIRED TECHNOLOGY



**Awning motors:**

- Integrated radio receiver
- Automatic fabric stretch compensation

Connection methods:

RS 485 KNX RTS WIRED TECHNOLOGY

## Bathroom | wireless solutions

Wireless, battery operated roller blinds



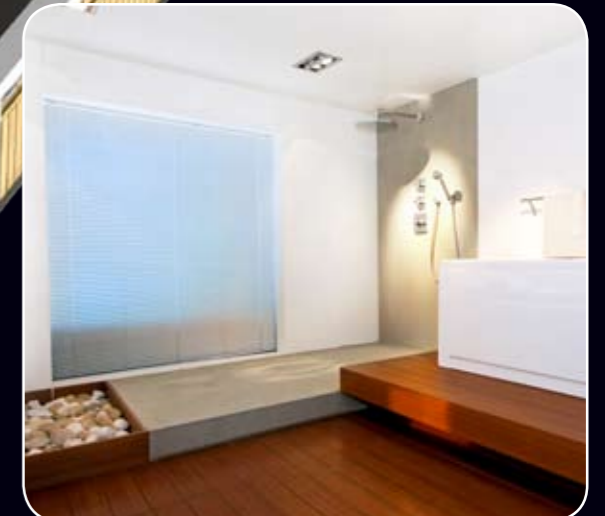
**Wireless motors**

- Battery powered motors with integrated radio receivers
- No wiring required
- Simple retrofit solutions suitable for hard to reach and wet areas

Connection methods:

RS 485 Ir RTS

A range of battery operated, wireless radio motors are available to power all types of interior window applications in and around the home. Easy to use, simple to install and as they are 100% wirefree, they are the perfect retrofit solution.



# Bedroom | privacy screening and sun control

Electric curtain track, motorised roman blind and LCD lift

Quickly and quietly raise and lower Plasma and LCD screens from the foot of the bed and operate window shading solutions to the desired position.



0113 3913030 info@somfysmarthome.co.uk



### Electric Curtain Motor:

- Smooth quiet operation
- Side or central operation
- Manual override function
- Left or right hand motor position
- Wall or ceiling mounted
- Automatic end-limit detection
- Soft stop, soft start

Connection methods:

RS 485 Ir KNX RTS WIRED TECHNOLOGY



### Roman Blind Motor:

- Battery powered

Connection methods:

RS 485 RTS



### Foot of the bed plasma or LCD:

- Quickly and quietly raise and lower Plasma and LCD screens from the foot of the bed

Connection methods:

RS 485 Ir KNX RTS WIRED TECHNOLOGY



Visit [www.somfysmarthome.co.uk](http://www.somfysmarthome.co.uk) for more information

# Garage doors & gates | a secure property

Automatic garage door, gate operators and motorised roller shutters

A choice of automatic garage door systems are available for traditional up & over, sectional, side hinged and roller garage doors incorporating security & safety features for obstacle detection and attempted burglary.

Motorised roller shutters provide additional security and can be controlled with local wall mounted switches or other third party control systems.



Automatically control garage doors and gates from the car using a remote control

0113 3913030 info@somfysmarthome.co.uk





**Security Shutters:**

- Obstacle detection
- All settings retained during power cut
- Battery back-up option

Connection methods:

RS 485 KNX RTS WIRED TECHNOLOGY




**Gate Operators:**

- Motors suitable for sliding and swing gates

Connection methods:

RS 485 RTS WIRED TECHNOLOGY



**Garage Operator:**

- Obstacle detection
- Manual override facility in case of power cut
- All settings retained during power cut
- Battery back-up option

Connection methods:

RS 485 RTS WIRED TECHNOLOGY

Visit [www.somfysmarthome.co.uk](http://www.somfysmarthome.co.uk) for more information

# Motor specification

Selecting the correct motor for a specific application is important. The Somfy motor and control range provides a solution for the majority of shading /security applications and the preferred communication protocol used by the central control system.

The table below identifies the motor options per application and specific criteria relating to the motor specification.

Solutions	Motors					
	Ultra quiet drive	Intermediate Positions	Precise End Positioning	24Vdc	230Vac	Battery powered
Blackout Blinds	A, B	Multiple	Yes	B	A, C	E
Roller Blinds	A, B	Multiple	Yes	B	A, C	E
Venetian Blinds		Multiple	Yes	D	C	G
Pleated Blinds		Multiple	Yes	D		
Roman Blinds		Multiple	Yes	D		F
Conservatory Roof Blinds		Multiple	Yes	D		
Projector Screens	A, B	Multiple	Yes	B	A, C	
Projector Lift	A, B	N/A	N/A		A, C	
LCD Lift	A, B	N/A	N/A		A, C	
Electric Curtains		Single	N/A	H		
Awnings		Single	Yes		I	
Garage Doors		Single	N/A		J	
Roller Shutters		Multiple	Yes		K	
Gates		N/A	N/A		L	

# Motors

**A Sonesse 50**



Ultra quiet drive motor available in multiple formats depending on application - Quiet drive - 44dBa -

**B Sonesse 30**



Ultra quiet drive motor available in multiple formats depending on application - Quiet drive - 44dBa -

**C LS/Altus 40**



Hard wired and radio motors for shading applications - Double insulated (no earth wire required)

**D LV/LW/LW-E**



Motor solution for headrail based shading solutions - Precise alignment with encoder system - suitable for 25/35mm headrail systems

**E WireFree Roll-up**



Battery powered solution for roller blinds up to 6M2 - Ideal retrofit solution - Motor has integrated radio receiver

**F WireFree Cord lift**



Battery powered solution for shades up to 6M2 - Ideal retrofit solution - Motor has integrated radio receiver

**G WireFree Tilt only**



Battery powered solution for 50mm venetian blinds up to 6M2 - Ideal retrofit solution - Motor has integrated radio receiver

**H Electric curtain track motor**



Motorised curtain track solution - Track length up to 10M - Curtains can be manually drawn with no effect to the motor

**I Orea**



Motor for full cassette awning systems - Integrated radio receiver - Fabric stretch compensation

**J Dexxo**



Motor solution for powering up & over and sectional garage doors - Install the Dexxo to existing garage doors - control by radio or contact closure signal - battery back-up option available

**K Oximo**



Motor solution for security shutters - Integrated radio receiver - obstacle detection function - self setting limits

**L Axovia**



Motor solutions for powering swing and sliding gates - Install motors to existing gates - control by radio or contact closure signal - battery back-up option available

# Controlling Somfy motors

Selecting the correct motor for a specific application is important. The Somfy motor and control range provides a solution for the majority of shading /security applications and the preferred communication protocol used by the central control system.

The table below identifies the control options per motorised application and the communication protocol available.

Solutions	RS 485	KNX/EIB	Radio control	Infrared	Dry contact
Blackout Blinds	A, B	C	A, C, D	C, E, G	A, C, D, E, G, H
Roller Blinds	A, B	C	A, C, D	C, E, G	A, C, D, E, G, H
Venetian Blinds	A	C	A, C, D	C, E, G	A, C, D, E, G
Pleated Blinds	A	C	A, C, D	C, G	A, C, D, E, G
Roman Blinds	A	C	A, C, D	C, G	A, C, D, E, G
Conservatory Roof Blinds	A	C	A, C, D	C, G	A, C, D, G
Projection Screens	A, B	C	A, C, D	C, E, G	A, C, D, E
Projector Lift	A	C	A, C, D	C, E	A, C, D, E,
LCD Lift	A	C	A, C, D	C, E	H
Electric Curtains	A	C	A, D	H	H
Awnings	A	C	A, C, D	C, E	A, C, D
Garage Goors	A		A, D	C, E	H
Roller Shutters	A, B	C	A, C, D	C, E	A, C, D
Gates	A		A, D	C, E	H

# Controls

## A RS485 RTS Transmitter

Control Somfy radio motors and receivers from RS 485 commands

Can be used to control up to 16 products, individually or as a group - This control also has 5 dry contact input ports as an additional control option.



## E A/C Infrared Receiver

Control Somfy AC motors by infra-red transmitter or external input

Compatible with universal infrared remote controls - One double push-button switch input



## B RS485 4ILT Interface

Control Somfy ILT motors using the RS 485 4ILT Interface

Suitable for controlling up to four Somfy ILT motors - Bi-directional communication for exact blind positioning - Can be controlled by RS 485, infrared and video projector trigger output - Compatible with universal infrared remote controls - Control motors individually and set up to 8 intermediate positions using ILT technology



## F Power 2.5 DC RTS

Power supply for low voltage motors with built in radio (RTS) receiver.

Radio receiver with 230/24V built-in power supply - Possibility to set 2 intermediate positions - Compatible with all Somfy radio (RTS) controls - Capable of driving 4 low voltage (24 volts dc) Somfy motors - Easy to program.



## C Animeo Motor Controller

Control Somfy motors via KNX/LON or IB+ protocols

Individually control x4 standard or DC E encoder motors KNX, LonMark and IB+ versions available



## G GPS 1020 Group Power Supply

Switchable 24v dc power supply to control Somfy low volt motors. Via dry contacts or infrared.

Power supply and a controller for 24V DC motors



## D Dry Contact Radio Transmitter

Control Somfy radio motors using dry contact input signals

Convert double push-buttons, switches or third party relay inputs to Somfy radio signal (RTS)



## H Direct control

Certain Somfy products are supplied with a control unit that accepts a dry contact input or have an integrated switch input that accepts a dry contact signal.

[www.somfysmarthome.co.uk](http://www.somfysmarthome.co.uk)

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