

## 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.