About Somfy

Somfy's leading smart management solutions for homes and buildings have been improving people's daily lives for over 50 years. Developed with comfort, ease of use, security and sustainability in mind, our innovations automate and connect rolling shutters, curtains and blinds, gates and garage doors, lighting and heating, alarms systems and more. We are committed to creating useful solutions that are accessible to all, designed for today and beyond.

Somfy
Window Fashion
Product Catalogue

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A BRAND OF **SOMFY** GROUP

Somfy Window Fashion **Product Catalogue**

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CONTENT

BLINDS

CURTAINS

WIREFREE

CONTROLS

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Operating in
59
Countries

8
Production Sites

80
Logistics Warehouses

2000+
Patents filed*

50%+
ACT FOR GREEN

Somfy has spent the last 50 years making everyday life easier for millions of users around the world by developing smart home and building management solutions.

We innovate to automate and connect all types of equipment to open and close the shade, windows, terraces, doors and gates using connected motors that operate them together using intelligence and make them interoperable with other household equipments. In addition to motorisation, Somfy solutions include accessories for control, comfort and security. Occupants are central to our concerns and we constantly strives to create reliable long-term solutions that offer a better way of living and increased well-being for everyone. *This is what Somfy calls smart living.*

Data as of 2021

Seoul
Shanghai
New Delhi
Hong Kong
Bangkok
Tokyo
Singapore
Sydney

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1960s: A pioneering spirit

Société d'Outillage et de Mécanique de Faucigny (Mechanical Tooling Company of Faucigny) took shape between 1960 to 1967. The company changed the name to SOMFY in 1963 and became a limited company. In Cluses, at the foot of Mont Blanc, Somfy develops the first tubular motor, marking the end of crank handle and ushering in electric roller shutters, screens, awnings and blinds. Our story begins in France, Germany and Sweden, where the company already has subsidiaries. The adventure has begun!

1970s: Expansion

With dedication and experimental spirit, Somfy overcomes many technological challenges and "gives birth" to the LS70, 60, 50 family. It is also the time to look out for international expansion.
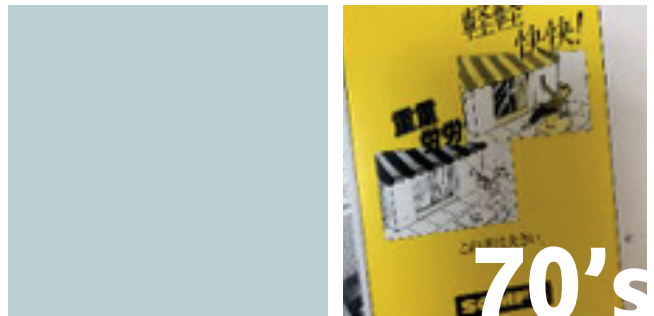
1981: Home automation begins

Somfy launches 'Somfy-matic', the first weather controlled awnings and shutters; capable of sensing weather conditions and automatically adjusting awnings and shutters appropriately.

1989: Tonight, Somfy is on TV!

Somfy's first television campaign is broadcast at prime time in France. By 2005, the campaigns become international. Somfy goes from being a brand reserved for professionals to an end-user brand.

1997: Long live radio!

Somfy integrates radio technology into its motors. Thanks to RTS (Somfy Radio Technology), roller shutters, screens, awnings and blinds can now be operated using a remote control. An additional advantage of radio technology is that a single remote can be used to control multiple products.

Radio Technology Somfy®

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Somfy History

2000-2001: From roller shutters... to the whole house

The brand begins to motorise garage doors and gates. It also acquires the company, Domis, a designer of wireless alarm systems. At the dawn of the new millennium, Somfy products are able to control all openings in the home as well as its security.

2010 :Controlling your home is easy with TaHoma!

100% cloud, 100% radio, 100% open: the TaHoma interface allows control from any smart devices or computers.

2015: Quiet, smart motors

The latest generation of motors for roller shutters arrives on the market. Smart, quiet and eco-friendly.

2017: WireFree™ battery operated motor

WireFree™ technology brings true peace of mind and home comfort accessible.

2018: "So Open with Somfy"

Heating, light, music and virtual assistants... Somfy expands its partnership program to enrich the connected home experience. In June, the brand opens its APIs to developers for even more freedom.

2019: Happy 50th anniversary

Having celebrated our 50th anniversary, Somfy continues with the innovation journey to inspire a better way of living that is accessible to all.

2020: Connected Devices

More than 8 millions of products have been connected through our home automation boxes, worldwide.

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"**Enjoy a better way of living with Somfy's range of motorised window coverings for interior and exterior applications**"

Designed to provide **easy, cosy comfort**, Somfy's automated solutions are an important enhancement for homes and commercial buildings. At the push of a button or control on App with mobile devices or even automatically, they will open or close, extend or retract, providing shade, privacy and security.

• Customer support:
We support our customers at all stages through our dedicated hotline, email, instant messaging and physical visits at their convenience. Somfy has an attentive after-sales service team to provide trouble-shooting support.

• Technical support:
• Advice on motor and controller solutions
• Assistance with special projects
• Advice on electrical requirements
• Providing wiring diagrams
• Installation support
• Trouble-shooting support
• After-sales service

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Why Somfy

• Marketing support:

Somfy is dedicated to promoting the use of motorised and automated solutions. We are eager to work with our partners to generate awareness and convey product benefits through promotions, collaterals and advertising.
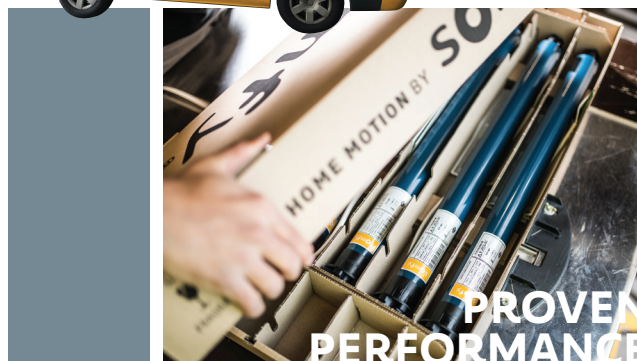
• Product training:

Somfy understands that training is essential for business and we host training regularly for our partners and customers. The training program is designed to increase your knowledge of motorisation and automation. Somfy can also offer training for individual companies tailored to suit your requirements.

• Product quality:

All our products are designed in Haute-Savoie by teams trained in the latest technologies. To guarantee their quality, performance and longevity, we perform regular testing and inspections according to rigorous process. Somfy has taken modernisation and digitalisation to a new level of focus. We believe a seamless experience is crucial to our customers in serving the markets.

• Act for green:

We act in favour of more efficient buildings, and for the well-being of their inhabitants. We take into account the environmental impact of our solutions throughout their life cycles. We act in favour of eco-designed products and more responsible practices in our operations.

CONSUMER CAMPAIGN

CUSTOMISED TRAINING

HOME MOTION BY somfy
somfy.com.sg

PROVEN PERFORMANCE

ACT FOR GREEN

WELL-BEING

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All Somfy products carry a 5-Year Limited Warranty.*

Somfy offers a 5-year warranty on all motors and controls to our customers. Specifically, Somfy warrants its motors and controls to be free from defects in material and workmanship under normal and proper use for a period of 5 years commencing with the date stamped on each product.

5 YEARS WARRANTY

Please feel free to contact our local sales office for more details.

Obligations

Somfy's only obligation shall be to repair or replace, with the least possible delay, defective equipment which does not conform to the warranty without any other indemnity relating to installation and re-installation or consequential damages.

Somfy shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of, or the inability to use, the equipment. Before using, the buyer and/or the end user shall determine the suitability of the product for its intended use, end user assumes all risks and liability in connection therewith.
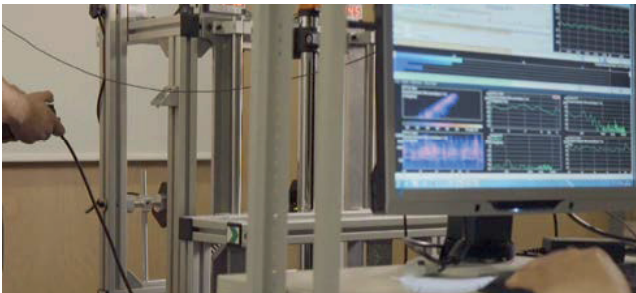
The articles that are replaced pursuant to the terms of this warranty shall be retained by Somfy. All costs related to installation and re-installation of the Somfy equipment covered by this warranty are not the responsibility of Somfy.

The user is responsible for any freight costs relating to repair or replacement. Somfy will not be responsible for any consequential damages during or following installation procedures.

If the Buyer resells any Somfy products to another buyer or end User, it shall include all of the terms and provisions of this warranty in such resale. Somfy's responsibility to any such third party shall be no greater than Somfy's responsibility under the warranty to the original buyer.

*Warranty effective from the manufacturing date code.

Exclusions

The following are exclusions from warranty:

1. If usage, adaptation or installation are not in accordance with our written installation and operating instructions.

2. If the product has been opened, dismantled or returned with clear evidence of abuse or other damage.

3. If our written specifications are not properly applied by the Buyer when selecting the equipment.

4. If our written instructions for installation and wiring of the electrical connections have not been followed.

5. If our equipment has been used to perform functions other than the functions it was originally designed to handle, namely motorising window and door coverings and enclosures e.g. awnings, internal & external blinds, curtains, roller shutters & grilles, projection screens, gates and windows. Please consult SOMFY about warranty for any uses other than the above.

6. If Somfy equipment is used with electrical accessories (switches, relays etc.) that have not been previously approved in writing by Somfy.

7. If the electrical accessories and other components have been used in disregard of the basic wiring diagram for which they were designed.

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International Certification

Somfy motors have been tested by electrical authorities around the world.

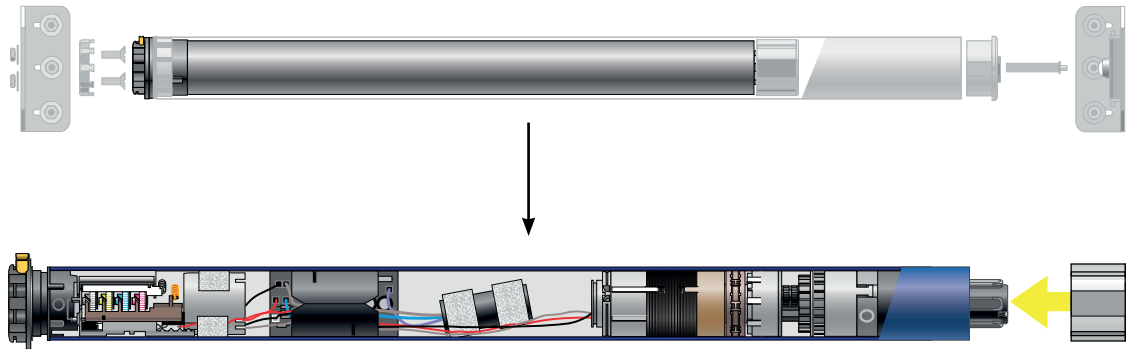|			
Australia & New Zealand	**Canada**	**Italy**	**Austria**
France	**Netherlands**	**Belgium**	**Germany**
Switzerland	**Scandinavia**	**United States of America**	**Europe**
China	**South Korea**	**Saudi Arabia**	

We are proud that our motors carry the marks of the most recognised electrical testing institutions. This indicates conformance to stringent operational and safety standards.
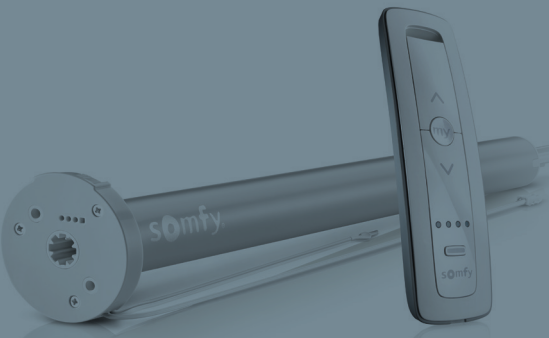
The Quality Management System of Somfy S.A. of Cluses, France has been certified by Lloyds Register Quality Assurance Limited to the ISO 9001 Standard.

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Ensure you have read and are familiar with the electrical safety information included in this catalogue.
All work, electrical or otherwise must be carried out by trained and competent staff that are familiar with all safety requirements and operational features of a Somfy motor.

Motor Head	Limit Switch	Motor	Brake	Gearbox	Output Shaft
The motor head supports the motorised roller at one end of the installation whilst providing an entry point for the supply cable. Six different mouning positions allow for easy access of the limit switch push buttons.	Push button or electronic end of travel limit switches can be easily adjusted to set the exact distance of travel in both the UP and DOWN directions.	The Somfy tubular range comprises asynchronous single phase motors with built in capacitors. They are thermally protected, totally enclosed, brushless motors.	An electromagnetic brake automatically stops and holds the load in any position.	Planetary type gears lower the rotor speed and increase the torque. The gearbox is lubricated for life.	The output shaft is the point at which the torque, delivered by the motor, is transferred to the roller tube via the drive wheel to which it will be connected.

Functioning Principle

The motor is supported by the bracket and the roller tube.
The motor drives the wheel.
The wheel drives the motor tube.
The roller tube drives the crown.
The crown turns the limit switch unit within the motor.

Note :

Not all Somfy motors are like the one shown above.
Motor heads, limit switches, output shafts, size, weight, function and overall design can vary depending on the installation type.

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Basic concepts & notes for reading this catalogue

Torque
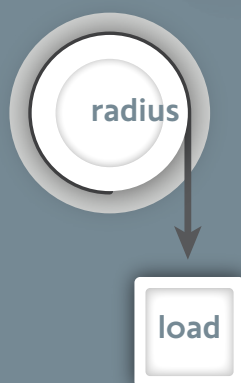
radius

load

Torque = load x radius
Torque unit: Nm or mkg (10Nm = 1mkg)
Load unit: N or Kg
Radius (diameter ÷ 2) unit: m
Example:
What will be the theoretical weight lifted by a Vega motor
(60 Nm or 6 mkg) mounted inside a Ø70 roller tube?
Load = torque ÷ radius
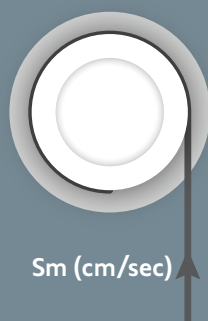i.e., 60 Nm ÷ 0.035 m = 1714 (171.4 kg)
What is the motor required to lift a 90 kg load with a Ø50 roller tube?
Torque = load x radius
i.e., 900 N x (0.050 m ÷ 2) = 22.5 Nm (2.25 mkg)
As the roller tube is 50mm in diameter, the motor to choose is in the LT50
or Altus 50 range.

Speed

Sm (cm/sec)

The speed shown is the rotation speed (in rpm) of the
motor, and thus the roller tube.
To calculate the average translation speed of the system
(in cm/sec) being motorised, use the following formula.
$Sm = ((D + d) \times 3.14 \times n) ÷ (2 \times 60)$
d = Diameter of roller tube (cm)
D = Diameter of the system when rolled up (cm)
n = rotation speed (rpm) of motor
To calculate the opening time (in seconds) of a roller shutter,
use the following formula.
$t = h ÷ Sm$
h = height of the system (cm)
Sm = average translation speed (cm/sec)

Note:
Whilst every effort has been made to ensure that the information contained in this catalogue is accurate at the time of publication. Somfy recommends that you consult Somfy local office or its dealers prior to placing an order to ascertain current information on specific products, as Somfy reserves the right to make changes without notice. Somfy will not liable for any injury, loss or damage whatsoever, arising from any errors or omissions in the information contained in the catalogue or arising from the use or application of the information contained herein.

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As a world leader in the development of motors for openings, Somfy is committed to delivering control solutions for any installation. Listed below are the major technologies that Somfy employs in order to cover the range of varying integration and connectivity techniques around the world.

WIRED TECHNOLOGY

Wired Technology is the most basic method of control for a Somfy motor. It uses a direct connection from a control point; e.g., a wall switch to a motor, via a 230v - 240v wire. This wired technique employs two active wires. One, when powered, engages the motor's drive shaft in a clockwise rotation; the other, when powered, engages an anti-clockwise rotation.
Benefits :
• *So-called "wired" technology (control units are linked to the motors via electrical wires buried in the walls) is the most basic way of controlling motors.*

DRY CONTACT

Dry Contact Technology is a wired method of control for a Somfy motor through extra low voltage. It uses a direct connection from a control point to a motor via a DC low voltage wire. It can be easily integrated into a third-party Home Automation system.
Benefits :
• *Manage the control or the motor with extra-low voltage.*

RTS
Radio Technology Somfy®

Radio Technology Somfy is an exclusive remote control protocol used to operate selected Somfy motors and controllers wirelessly. RTS uses a rolling code with 16 million combinations to ensure that the RTS communication is safe and secure. In addition, RTS has a range of up to 200 metres (line of sight) or up to 20 metres through two concrete walls. Fast becoming a standard, due to its ease of installation and its flexibility, RTS is reliable as its narrow bandwidth is not interfered with by other systems (telephones, Wifi, Bluetooth, etc.). RTS communication is uni-directional with the control signal being sent from control to motor only.
Benefits :
• *Security: alternating, tamper-proof code with 16 million combinations.*
• *Reliability: its narrow bandwidth means that RTS is not interfered with by other systems (telephones, TVs, Wifi, Bluetooth, etc.).*
• *Upgradability: you can add/change control units and automatic systems over time.*

Remember :
• *Products can be controlled by a remote control or by mobile app through Connexoon or Tahoma.*

Somfy Digital Network RS485

Digital Technology Somfy (SDN) is another control method that uses a two-wired bus. Due to the open source nature of the RS485 protocol, many building management systems (BMS) and home automation systems (HAS) use this protocol to communicate to devices. Systems that can use the RS485 connection can be programmed to Somfy RS485 motors or controllers to operate the installation. Due to its open source nature, the integrator just needs to plug the device directly into their BMS or HAS without the need for additional controllers or the adaptation of peripherals. It can get position feedback from motor and control groups of motors to precise position. It is the key technology for building, facade shading management in building control business.
Benefits :
• *Interfaces with a range of centralised building management and home automation systems thanks to the node ID motors. Somfy offers an RS485 motor and an interface to integrate RTS motors into an RS485 installation.*
• *Feedback: You receive confirmation that the command has been executed. You know the exact position of your application.*

zigbee

The ZigBee® protocol is a low-powered RF mesh networking technology that uses the reliable 2.4Ghz standard for both residential and commercial applications.
As a member of the ZigBee Alliance, Somfy is pleased to offer several interface devices for integration of Somfy-powered motorised products into third-party home automation systems that use ZigBee® technology.
Somfy ZigBee motors are coming soon!

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Product Selection Guide

Product Applications by Technology

		AC			
		WT	**DCT**	**RTS**	**SDN**
Roller blinds	Tube Ø ≥ 24mm				
	Tube Ø ≥ 28mm				
	Tube Ø ≥ 32mm				
	Tube Ø ≥ 40mm	LS40 LSN40 Sonesse 40 WT		Altus 40 RTS Sonesse 40 RTS	
	Tube Ø ≥ 50mm	LT50 LTN50 Sonesse 50 WT Sonesse ULTRA 50 AC	Sonesse 50 DCT	Altus 50 RTS Sonesse 50 RTS Sonesse ULTRA 50 RTS AC	LT50 RS485 Sonesse 50 RS485 Sonesse ULTRA 50 RS485 AC
Roman blinds	Headrail ≥ 25mm (1")				
	Headrail ≥ 50mm (2") Tube Ø ≥ 40mm	LS40 Sonesse 40 WT		Altus 40 RTS Sonesse 40 RTS	
	Headrail ≥ 70mm (2.5") Tube Ø ≥ 50mm	LT50 Sonesse 50 WT		Altus 50 RTS Sonesse 50 RTS	LT50 RS485 Sonesse 50 RS485
Pleated & Cellular blinds	Headrail ≥ 25mm (1")				
	Headrail ≥ 50mm (2")	LS40 Sonesse 40 WT		Altus 40 RTS Sonesse 40 RTS	
Venetian blinds	Headrail ≥ 25mm (1")				
	Headrail ≥ 50mm (2")	Sonesse 40 WT * using CTS40		Sonesse 40 RTS * using CTS40	
	Headrail ≥ 70mm (2.5")	Sonesse 50 WT		Sonesse 50 RTS	Sonesse 50 RS485
Zebra blinds	Tube Ø ≥ 32mm				
	Tube Ø ≥ 40mm	LS40 Sonesse 40 WT		Altus 40 RTS Sonesse 40 RTS	
	Tube Ø ≥ 50mm	LT50 Sonesse 50 WT		Altus 50 RTS Sonesse 50 RTS	LT50 RS485 Sonesse 50 RS485
Projection screen	Sonesse 30 RS485	LS40 LSN40 Sonesse 40 WT		Altus 40 RTS Sonesse 40 RTS	
	Headrail ≥ 50mm (2")	LT50 LTN50 Sonesse 50 WT Sonesse ULTRA 50 AC	Sonesse 50 DCT	Altus 50 RTS Sonesse 50 RTS Sonesse ULTRA 50 RTS AC	LT50 RS485 Sonesse 50 RS485 Sonesse ULTRA 50 RS485 AC
Curtains	Up to 35 Kg	Movelite 35 WT Glydea Ultra 35e WT	Movelite 35 DCT Glydea Ultra 35e DCT	Movelite 35 RTS Glydea Ultra 35e RTS	Glydea Ultra 35e DCT/RTS with SDN module
	Up to 60 Kg	Glydea Ultra 60e WT	Glydea Ultra 60e DCT	Glydea Ultra 60e RTS	Glydea Ultra 60e DCT/RTS with SDN module

DC			Wirefree Battery
DCT	**RTS**	**SDN**	**RTS**
			Roll Up 24 WF RTS Li-Ion
			Altus 28 WF RTS Li-Ion Basic Altus 28 WF RTS Altus 28 WF RTS Li-Ion Sonesse 28 WF RTS Li-Ion
Sonesse 30 DCT	Sonesse 30 RTS	Sonesse 30 RS485	Sonesse 30 WF RTS Li-Ion Sonesse ULTRA 30 WF RTS Li-Ion
	Sonesse ULTRA 50 RTS DC	Sonesse ULTRA 50 RS485 DC	
			Tilt&Lift 25 WF RTS Central
Sonesse 30 DCT	Sonesse 30 RTS	Sonesse 30 RS485	Altus 28 WF RTS Li-Ion Basic Altus 28 WF RTS Altus 28 WF RTS Li-Ion Sonesse 28 WF RTS Li-Ion Sonesse 30 WF RTS Li-Ion Sonesse ULTRA 30 WF RTS Li-Ion
			Tilt&Lift 25 WF RTS Central
Sonesse 30 DCT	Sonesse 30 RTS	Sonesse 30 RS485	Altus 28 WF RTS Altus 28 WF RTS Li-Ion Sonesse 28 WF RTS Li-Ion Sonesse 30 WF RTS Li-Ion Sonesse ULTRA 30 WF RTS Li-Ion
			Tilt&Lift 25 WF RTS Central * using CTS25
Sonesse 30 DCT * using CTS40	Sonesse 30 RTS * using CTS40	Sonesse 30 RS485 * using CTS40	Sonesse 30 WF RTS Li-Ion Sonesse ULTRA 30 WF RTS Li-Ion * using CTS40
Sonesse 30 DCT	Sonesse 30 RTS	Sonesse 30 RS485	Altus 28 WF RTS Li-Ion Basic Altus 28 WF RTS Altus 28 WF RTS Li-Ion Sonesse 28 WF RTS Li-Ion Sonesse 30 WF RTS Li-Ion Sonesse ULTRA 30 WF RTS Li-Ion
	Sonesse ULTRA 50 RTS DC	Sonesse ULTRA 50 RS485 DC	
Irismo 35 mini DCT	Irismo 35 mini RTS		Movelite 35 wirefree Irismo 45 wirefree RTS

Product Selection Guide

Roller Blinds Motor Selection Chart

Torque	0.55Nm	0.7Nm	1.1Nm	1.5Nm	2Nm	3Nm	4Nm
Ø 24 motor	Roll Up 24 WF RTS Li-Ion						
Ø 28 motor		Altus 28 WF RTS Li-Ion Basic	Sonesse 28 WF RTS Li-ion	Altus 28 WF RTS / Altus 28 WF RTS Li-Ion			
Ø 30 motor					Sonesse 30 DCT / Sonesse 30 RTS / Sonesse 30 RS485 / Sonesse 30 WF RTS Li-Ion / Sonesse ULTRA 30 WF-RTS Li-Ion		
Ø 40 motor						Sonesse 40 3/30 / Sonesse 40 RTS 3/30 / LS 40 3/30 / Altus 40 RTS 3/30 *230ac/50Hz	LS 40 4/16 / Altus 40 RTS 4/16 *230Vc/50Hz
Ø 50 motor							Sonesse ULTRA 50 RTS DC / Sonesse ULTRA 50 RS485 DC / LT 50 4/32 / LT 50 4/54 *230Vac/50Hz

Calculate the weight of blind the motor can drive.			
Motor	Torque	Tube Diameter	
		28mm	32mm
Roll Up 24 WF RTS Li-Ion	0.55 Nm	2.8 Kg	2.4 Kg
Altus 28 WF RTS Li-Ion Basic	0.7 Nm		3.1 Kg
Sonesse 28 WF RTS Li-ion	1.1 Nm		4.9 Kg
Altus 28 WF RTS / Altus 28 WF RTS Li-Ion	1.5 Nm		6.7 Kg
Sonesse 30 DCT/RTS/RS485 / Sonesse 30 WF RTS Li-Ion / Sonesse ULTRA 30 WF RTS Li-Ion	2 Nm		
Sonesse 40 / Sonesse 40 RTS / LS 40 / LSN 40 / Altus 40 RTS	3 Nm / 4 Nm / 5 Nm / 6 Nm / 9 Nm / 13 Nm		
Sonesse ULTRA 50 RTS/RS485 DC / Sonesse ULTRA 50 WT/RTS/RS485 AC / Sonesse 50 WT/DCT/RTS/RS485 / LT 50 / LTN 50 / Altus 50 RTS	4 Nm / 5 Nm / 6 Nm / 8 Nm / 10 Nm / 15 Nm		

Assumption:
Friction % = 20%
Fabric Thickness = 0.5mm
Tube Thickness 1mm for 28mm tube, 1.5mm for 32mm tube, 2mm for ≥ 38mm tube

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5Nm	6Nm	8Nm	9Nm	10Nm	13Nm	15Nm
LSN 40 5/16 *230Vac/50Hz	Sonesse 40 6/20 Sonesse 40 RTS 6/20 LSN 40 6/28 *230Vac/50Hz		Sonesse 40 9/12 Sonesse 40 RTS 9/12 LS 40 9/16 LSN40 9/16 Altus 40 RTS 9/16 *230Vac/50Hz		"LS 40 13/10 Altus 40 RTS 13/10 *230Vac/50Hz"	
LTN 50 5/28 *230Vac/50Hz	Sonesse ULTRA 50 AC 6/20 Sonesse ULTRA 50 RTS AC 6/20 Sonesse ULTRA 50 RS485 AC 6/20 Sonesse 50 6/17 Sonesse 50 6/28 Sonesse 50 RTS 6/17 Sonesse 50 RTS 6/28 Sonesse 50 RS485 6/17 Sonesse 50 RS485 6/28 LT 50 6/32 LT 50 6/54 LTN 50 6/16 Altus 50 RTS 6/32 Aluts 50 RTS 6/54 LT 50 RS485 6/17 LT 50 RS485 6/32 *230Vac/50Hz Sonesse 50 DCT 6/32 *120Vac/60Hz	LT 50 8/17 *230Vac/50Hz		Sonesse 50 10/28 Sonesse 50 RTS 10/28 Sonesse 50 RS485 10/28 LT 50 10/32 LT 50 10/54 LTN 50 10/16 Altus 50 RTS 10/32 *230Vac/50Hz Sonesse 50 DCT 10/32 *120Vac/60Hz		Sonesse 50 15/17 Sonesse 50 RTS 15/17 Sonesse 50 RS485 15/17 LT 50 15/32 Altus 50 RTS 15/32 LT 50 RS485 15/17 LT 50 RS485 15/32 *230Vac/50Hz

Calculate the weight of blind the motor can drive.			
Tube Diameter			
38mm	40mm	50mm	63mm
2.6 Kg			
4.1 Kg			
5.6 Kg			
7.4 kg	7.1 kg		
	10.7 Kg	8.7 Kg	
	14.2 Kg	11.6 Kg	
	17.8 Kg	14.5 Kg	
	21.3 Kg	17.5 Kg	
	32 Kg	26.2 Kg	
	46.2 Kg	37.8 Kg	
		11.6 Kg	9.4 Kg
		14.5 Kg	11.8 Kg
		17.5 Kg	14.1 Kg
		23.3 Kg	18.8 Kg
		29.1 Kg	23.5 Kg
		43.6 Kg	35.3 Kg

Weight of blind = (Width x Drop x fabric weight per meter square) + (weight of bottom bar per meter)
Please refer to Abacus Table and BSM tools for windows size

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Product Selection Guide
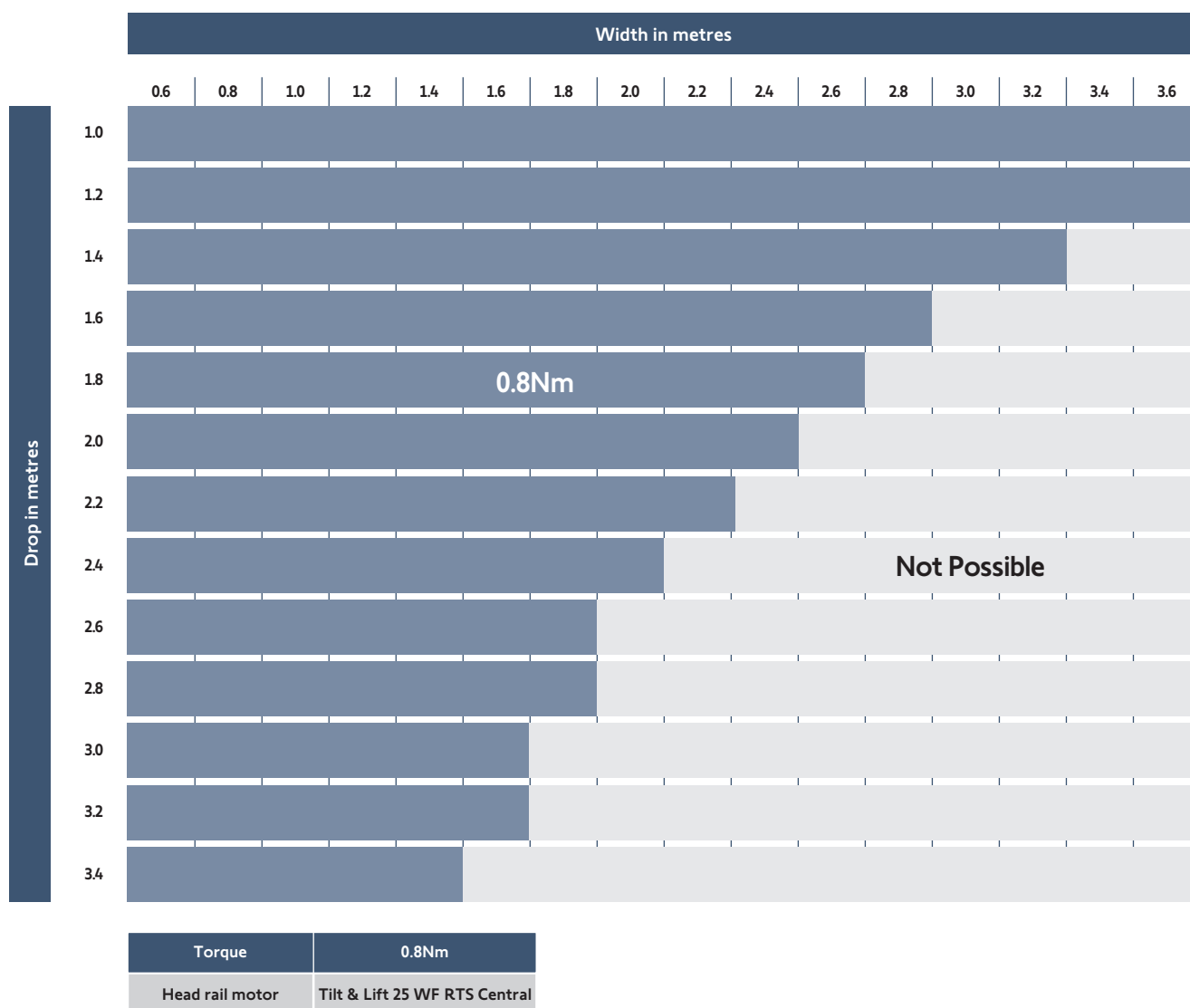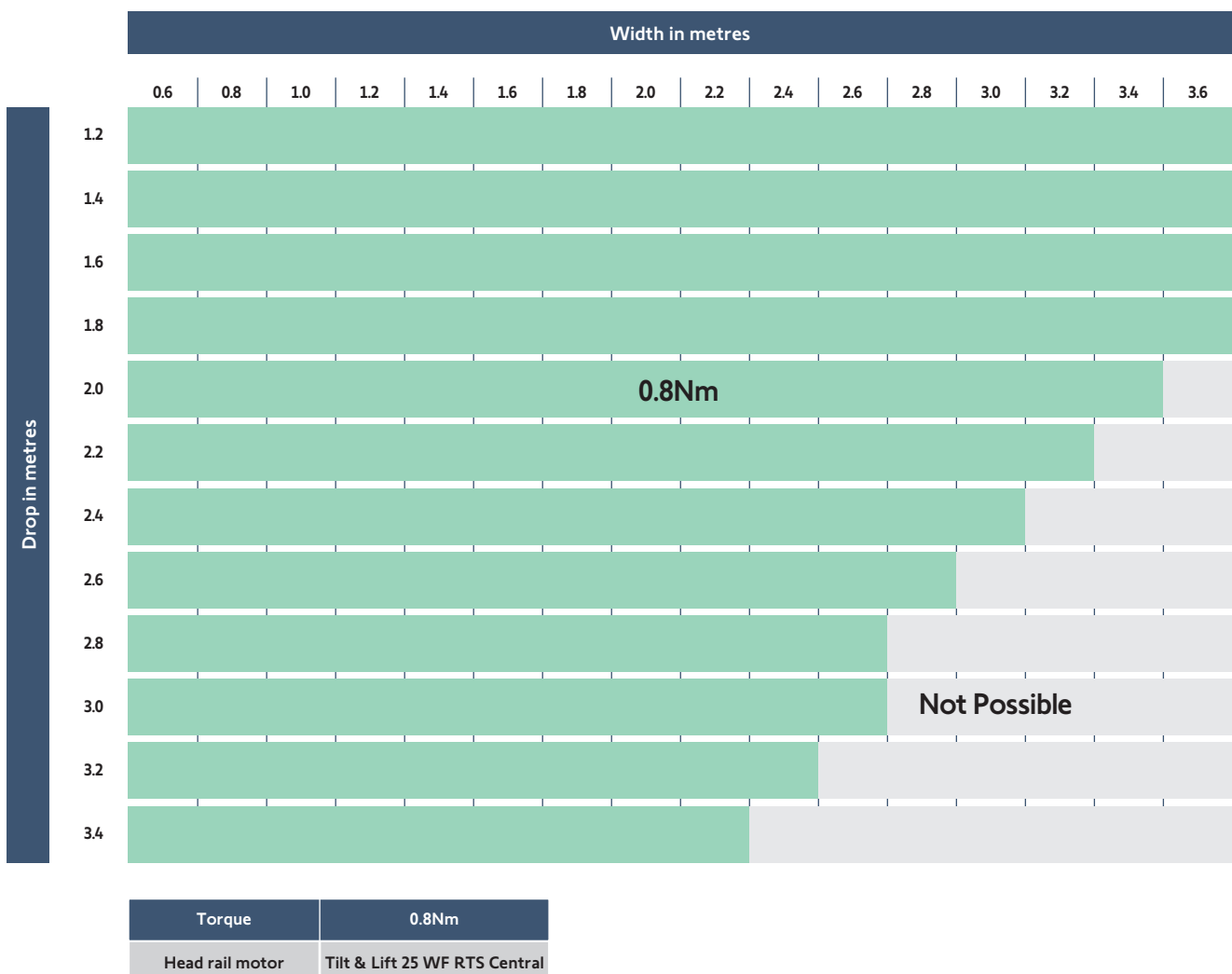
Aluminium Venetian Blinds Motor Selection Chart

- Select the drop of the application (y-axis).
- Select the width of the application (x-axis).
- Follow both sizes until they intersect, the required motor will fall on the intersection.
- If the sizes fall outside the chart then the application type is not possible under those conditions.
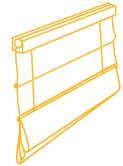
25mm Aluminium Venetian blinds with CTS25
- **Slat weight: 550g/m²**
- **Bottom bar weight: 260g/m**
- **Cord diameter: 1.4mm**

NOTE:
These are the factors used within the selection chart.

Width in metres															
0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6

Drop in metres (y-axis): 1.0, 1.2, 1.4, 1.6, 1.8, 2.0, 2.2, 2.4, 2.6, 2.8, 3.0, 3.2, 3.4

0.8Nm

Not Possible

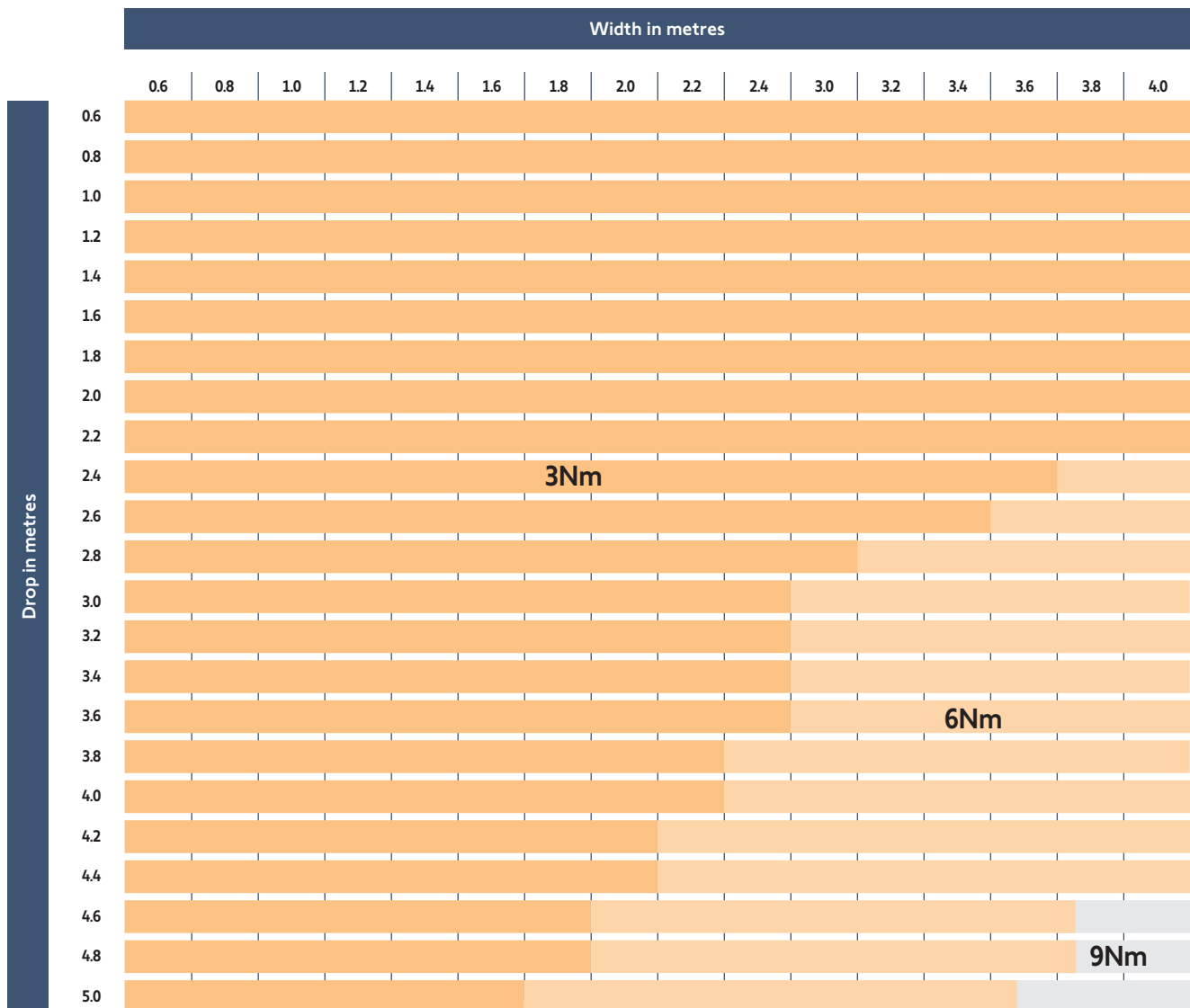| Torque	0.8Nm
Head rail motor	Tilt & Lift 25 WF RTS Central

somfy

Cellular Blinds Motor Selection Chart

- Select the drop of the application (y-axis).
- Select the width of the application (x-axis).
- Follow both sizes until they intersect, the required motor will fall on the intersection.
- If the sizes fall outside the chart then the application type is not possible under those conditions.

Cellular blinds with CTS25
  - **Fabric weight: 310g/m²**
  - **Bottom bar weight: 350g/m**
  - **Cord diameter: 1.4mm**

NOTE:
These are the factors used within the selection chart.

Width in metres															
0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6

Drop in metres: 1.2, 1.4, 1.6, 1.8, 2.0, 2.2, 2.4, 2.6, 2.8, 3.0, 3.2, 3.4

0.8Nm

Not Possible

Torque	0.8Nm
Head rail motor	Tilt & Lift 25 WF RTS Central

somfy.

Product Selection Guide

Timber Venetian Blinds Motor Selection Chart

- Select the drop of the application (y-axis).
- Select the width of the application (x-axis).
- Follow both sizes until they intersect, the required motor will fall on the intersection.
- If the sizes fall outside the chart then the application type is not possible under those conditions.

50mm Timber Venetian blinds with CTS 40
- **Slats weight: 2250g/m²**
- **Bottom bar weight: 550g/m**
- **Cord diameter: 1.4mm**

NOTE:
These are the factors used within the selection chart.

Width in metres									
0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4

Drop in metres: 0.6, 0.8, 1.0, 1.2, 1.4, 1.6, 1.8, 2.0, 2.2, 2.4, 2.6, 2.8, 3.0, 3.2, 3.4, 3.6, 3.8, 4.0, 4.2, 4.4, 4.6, 4.8, 5.0

3Nm

6Nm

9Nm

Not Possible

Torque	0.3Nm	0.6Nm	0.9Nm
Ø 40 motor	Sonesse 40 3/30 Sonesse 40 RTS 3/30 LS 40 3/30 Altus 40 RTS 3/30	Sonesse 40 6/20 Sonesse 40 RTS 6/20	Sonesse 40 9/12 Sonesse 40 RTS 9/12 LS 40 9/16 Altus 40 RTS 9/16

somfy.

Roman Blinds Motor Selection Chart

- Select the drop of the application (y-axis).
- Select the width of the application (x-axis).
- Follow both sizes until they intersect, the required motor will fall on the intersection.
- If the sizes fall outside the chart then the application type is not possible under those conditions.

Roman blinds with CTS40
- **Fabric weight: 800g/m²**
- **Bottom bar weight: 0g/m**
- **Cord diameter: 1.4mm**

NOTE:
These are the factors used within the selection chart.

Width in metres																
	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	3.0	3.2	3.4	3.6	3.8	4.0

Drop in metres: 0.6, 0.8, 1.0, 1.2, 1.4, 1.6, 1.8, 2.0, 2.2, 2.4, 2.6, 2.8, 3.0, 3.2, 3.4, 3.6, 3.8, 4.0, 4.2, 4.4, 4.6, 4.8, 5.0

3Nm

6Nm

9Nm

Torque	0.3Nm	0.6Nm	0.9Nm
Ø 40 motor	Sonesse 40 3/30 Sonesse 40 RTS 3/30 LS 40 3/30 Altus 40 RTS 3/30	Sonesse 40 6/20 Sonesse 40 RTS 6/20	Sonesse 40 9/12 Sonesse 40 RTS 9/12 LS 40 9/16 Altus 40 RTS 9/16

somfy.

Wired Blind

Sonesse® ULTRA 50 AC

Sonesse® ULTRA 50 RTS AC

Sonesse® ULTRA 50 RS485 AC

Sonesse® ULTRA 50 RTS DC

Sonesse® ULTRA 50 RS485 DC

Sonesse® 50 WT

Sonesse® 50 DCT

Sonesse® 50 RTS

Sonesse® 50 RS485

Sonesse® 40 WT

Sonesse® 40 RTS

Sonesse® 40 RS485

Sonesse® 30 DCT

Sonesse® 30 RTS

Sonesse® 30 RS485

LT50

LTN50

Altus 50 RTS

LT50 RS485

LS40

LSN40

Altus 40 RTS

Accessories
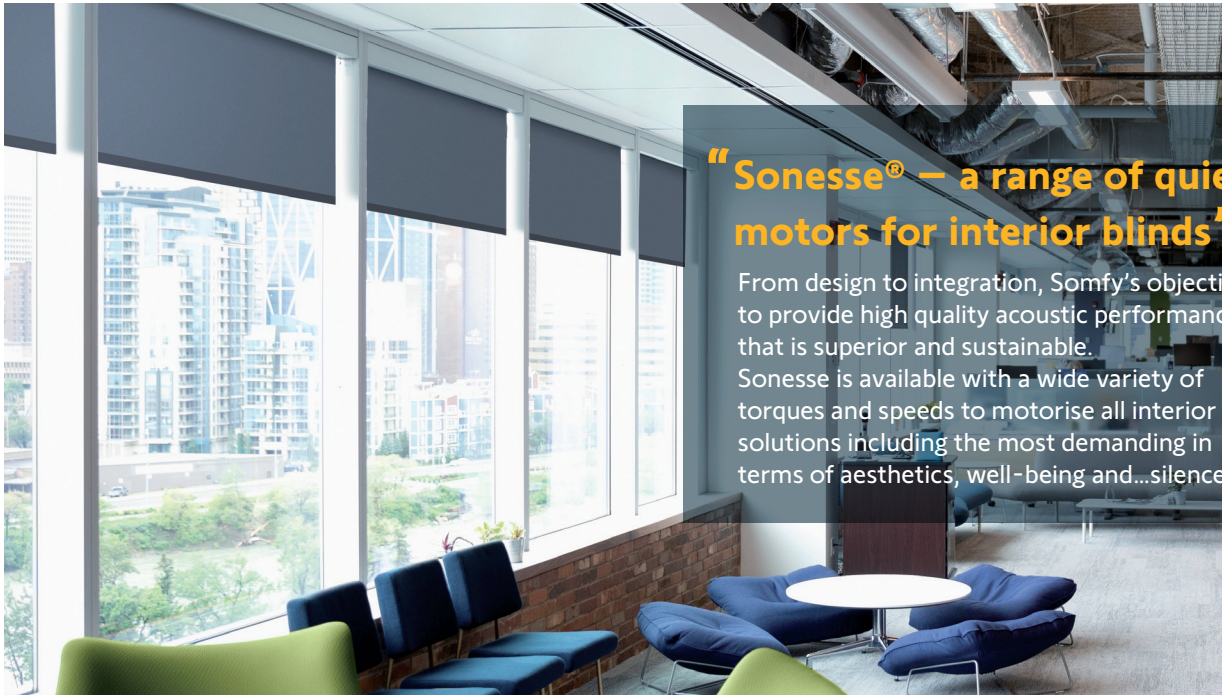
somfy.

"**Sonesse® — a range of quiet motors for interior blinds**"

From design to integration, Somfy's objective is to provide high quality acoustic performance that is superior and sustainable.
Sonesse is available with a wide variety of torques and speeds to motorise all interior solutions including the most demanding in terms of aesthetics, well-being and...silence.

ROLLER SHADES

SHEER/ LAYERED SHADES

Sonesse® is the solution for all projects. Available in variety of control systems, for all types of spatial configurations in commercial and residential buildings, in both new and renovated projects.
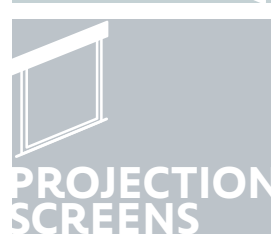
PROJECTION SCREENS

PLEATED AND CELLULAR SHADES

VENETIAN BLINDS

ROMAN/ WOVEN SHADES

The Sonesse® range is compatible with multiple technologies.

WIRED TECHNOLOGY

Wired Technology
Offers control via power switching.

RTS — Radio Technology Somfy®

Radio Technology Somfy
Compatible with Radio Technology Somfy® (RTS) handheld remotes, a smartphone/tablet app, wireless wall switches, tabletop controls, sensors, timers, and third party automation systems.

Somfy Digital Network RS485

Somfy Digital Network
Compatible with home automation systems.

animeo® IP
Compatible with automated total solar management solutions for an individual room or large commercial buildings.

Somfy DESIGNED FOR SILENCE

Choose the Somfy "Designed for Silence" label

- Choose a motor that guarantees an industry leading level of acoustic comfort.
- Offer a quiet solution for motorized shades every time.
- Conquer new interior applications with added value.

somfy.

Wired Blind

Sonesse® ULTRA 50 AC

WIRED TECHNOLOGY

Somfy ✚

Recommended to use with
+ Silent accessories
+ Silent fabric
+ Professional installation

The quietest and strongest motor on the market:
ULTRA quiet, ULTRA powerful, ULTRA flexible

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

Roller blinds

Projection screens

Main functionalities

Designed for silence

Rapid adjustment buttons
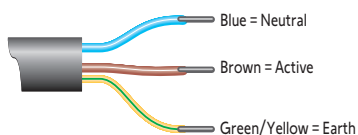Right or left mounting version identified by the colour of the up and down limit buttons.

Round head
For reduced dimensions.

Star head
6 possibilities to orientate the motor head.

Dimensions and Wiring

230 V / 220 V

Blue = Neutral
Brown = Active 1
Black = Active 2
Green/Yellow = Earth

120 V / 100 V

White = Neutral
Red = Active 1
Black = Active 2
Green = Earth

STAR HEAD

ø 47
L1
L2
L3
3.95
26.1 max.
17.15 min.
20 max.
ø 63

2 mounting holes for self tapping screws. Dia. 5 mm (cat #9670013).

ROUND HEAD

ø 47
L1
L2
L3
3.95
26.1 max.
14.3 max.
16.95 max.
ø 49.6

2 mounting holes for self tapping screws. Dia. 4 mm (cat #100405B).

somfy.
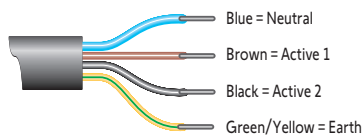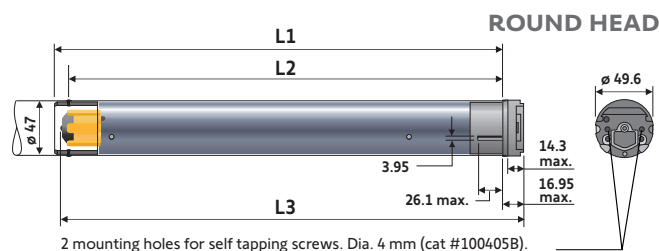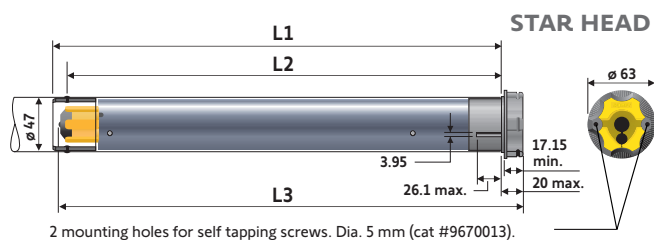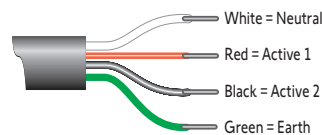
Sonesse® ULTRA 50 AC

Technical features	
Thermal time	4 min for 230V, 120V, 100V 5 min for 220 V 2.25 min for Saudi Arabia
Supply	AC
Index protection rating	IP 31
Limit switch unit	Rapid Adjustment
Limit switch capacity	46 turns
Temperature working range	0°C to 60°C
Electric insulation	Class I

Performances			
Nominal voltage	230 V / 50 Hz	120 V / 60 Hz	220 V / 60 Hz
Torque	6 Nm	6 Nm	6 Nm
Speed	20 rpm	24 rpm	24 rpm
End-limit unit versions available	RA, RH	RA, RH	RA

Dimensions				
Motor length				
Star head	L1	783mm	783mm	783mm
	L2	769mm	769mm	769mm
	L3	798mm	798mm	798mm
Round head	L1	783mm	783mm	
	L2	769mm	770mm	
	L3	794mm	795mm	

Certifications

Wired Blind

Sonesse® ULTRA 50 RTS AC

RTS
Radio Technology Somfy®

Somfy ✚

Recommended to use with
+ Silent accessories
+ Silent fabric
+ Professional installation

The quietest and strongest motor on the market:
ULTRA quiet, ULTRA powerful, ULTRA flexible

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

Roller blinds

Projection screens

Main functionalities

Designed for silence

Remote limit setting

Compatible with Solar protection functions

"my" favorite
Move in one click your blind in your favorite position.

Round head
For reduced dimensions.

Star head
6 possibilities to orientate the motor head.

Dimensions and Wiring

230 V / 220 V

Blue = Neutral
Brown = Active
Green/Yellow = Earth

120 V / 100 V

White = Neutral
Black = Active
Green = Earth

STAR HEAD

L1
L2
ø 47
3.95
L3
17.15 min.
20 max.
26.1 max.
ø 63

2 mounting holes for self tapping screws. Dia. 5 mm (cat #9670013).

ROUND HEAD

L1
L2
ø 47
3.95
L3
14.3 max.
16.95 max.
26.1 max.
ø 49.6

2 mounting holes for self tapping screws. Dia. 4 mm (cat #100405B).

somfy.
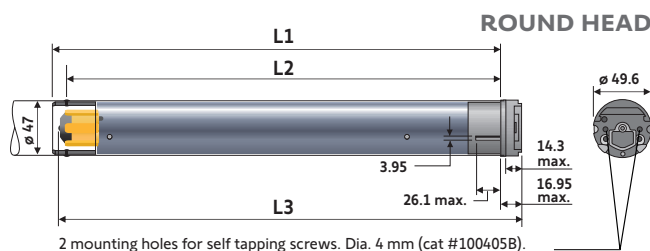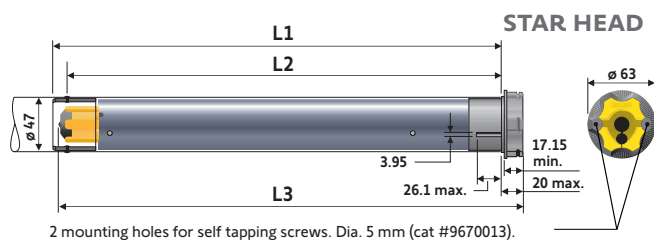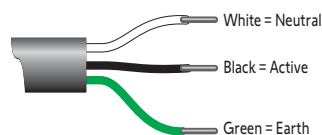
Sonesse® ULTRA 50 RTS AC

Technical features

Thermal time	4 min
Supply	AC
Index protection rating	IP 31
Limit switch unit	Electronic
Limit switch capacity	250 turns
Temperature working range	0°C to 60°C
Electric insulation	Class I

Performances

Nominal voltage	230 V / 50 Hz	120 V / 60 Hz	220 V / 60 Hz
Torque	6 Nm	6 Nm	6 Nm
Speed	20 rpm	24 rpm	24 rpm
End-limit unit versions available	RTS, RTS RH	RTS, RTS RH	RTS
Radio frequencies available for RTS	433.42 MHz	433.42 MHz	447.7 MHz

Dimensions

Motor length				
Star head	L1	837mm	808mm	857mm
	L2	823mm	795mm	843mm
	L3	853mm	823mm	873mm
Round head	L1	837mm	808mm	
	L2	823mm	795mm	
	L3	853mm	820mm	

Certifications

Wired Blind

Sonesse® ULTRA 50 RS485 AC

Somfy ✚

Recommended to use with
+ Silent accessories
+ Silent fabric
+ Professional installation

The quietest and strongest motor on the market:
ULTRA quiet, ULTRA powerful, ULTRA flexible

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

Roller blinds

Projection screens

Main functionalities

Designed for silence

DATA CABLE
Easy limit setting
Easy setting thanks to RS485 setting tool or RS485 controller.

MOTOR NODE ID
Motor node ID
Easy localization with motor node ID.

Star head
6 possibilities to orientate the motor head.

Information feed back
On the controller interface.

Dimensions and Wiring

230 V / 220 V
Blue = Neutral
Brown = Active
Green/Yellow = Earth

120 V / 100 V
White = Neutral
Black = Active
Green = Earth

L1
L2
L3
ø 47
3.95
26.1 max.
17.15 min.
20 max.

2 mounting holes for self tapping screws. Dia. 5 mm (cat #9670013).

STAR HEAD
ø 63

RJ9 connects to motor
1 + RS 485
2 - RS 485
4 GND
3 Not Connected *
Power Out **

RJ45 connects to network
1 + RS 485
2 - RS 485
3 Not Connected
4 Not Connected *
Power Out **
8 GND
7 Not Connected
6 Not Connected
5 Not Connected
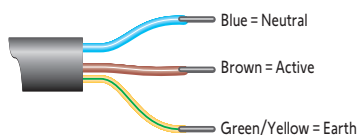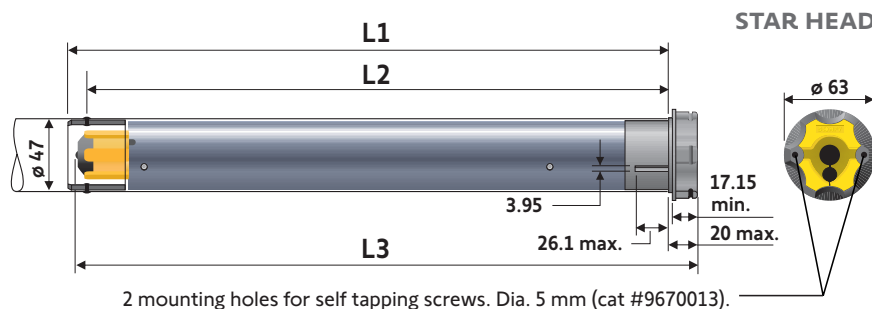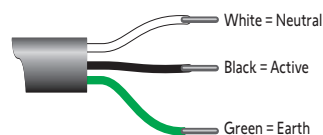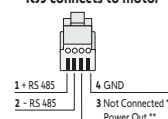
* Data cable (black) for animeo IP networks
** Data cable (grey) for powering external modules

somfy.

Sonesse® ULTRA 50 RS485 AC

Somfy Digital Network RS485

Technical features

Thermal time	4 min
Supply	AC
Index protection rating	IP 31
Limit switch unit	Electronic
Limit switch capacity	300 turns
Temperature working range	0°C to 60°C
Electric insulation	Class I

Performances

Nominal voltage	230 V / 50 Hz	120 V / 60 Hz	220 V / 60 Hz
Torque	6 Nm	6 Nm	6 Nm
Speed	20 rpm	24 rpm	24 rpm

Dimensions

Motor length (L1)	857mm	837mm	857mm
Motor length (L2)	843mm	823mm	843mm
Motor length (L3)	873mm	853mm	873mm

Certifications

somfy

Wired Blind

Sonesse® ULTRA 50 RTS DC

R T S
Radio Technology Somfy®

Somfy ✚

Recommended to use with
+ Silent accessories
+ Silent fabric
+ Professional installation

The quietest and strongest motor
on the market:
**ULTRA quiet, ULTRA powerful,
ULTRA flexible**

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

Roller blinds

Projection screens

Main functionalities

Designed for silence

**Remote
limit setting**

**Compatible with
Solar protection
functions**

"my" favorite
Move in one click your
blind in your favorite
position.

Square head
6 possibilities to
orientate the
motor head.

Adjustable speed
From 10 to 25 rpm.
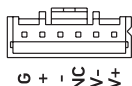
**Soft start
and Soft stop**

Dimensions and Wiring

Motor length (L1)	780 mm
Motor length (L3)	800 mm

L1

18.2

3.85

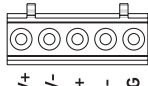Ø 47.5

L3

17.5

SQUARE HEAD

63.7

63.7

48
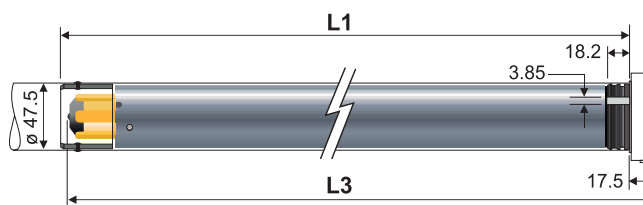
2 mounting bosses that accept self tapping screws.
Dia. 4 mm, depth 11 mm spaced 1.89" (48 mm) apart.
NOTE: Bracket mounting bosses must transfer torque.
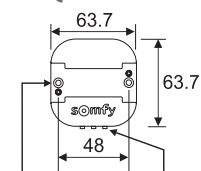
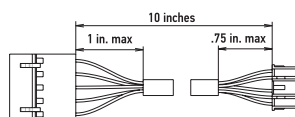3 buttons for
limit setting
and operation
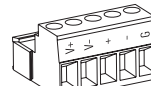
JST to Motor

>- >+

Weidmuller Connects
to Network
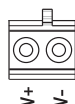
>+ >-

Cable Detail View
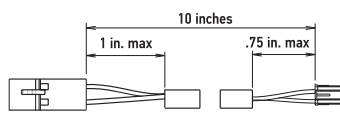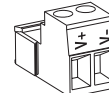
10 inches
1 in. max   .75 in. max

Connector Markings Detail View
Font: Ariel
Height: 2.3mm
Color: Black

Maximum Power Cable Length
(to guarantee characteristics)

GAUGE	LENGTH
14 AWG	240 ft.
16 AWG	150 ft.
18 AWG	100 ft.

somfy.

Sonesse® ULTRA 50 RTS DC

Technical features

Thermal time	5 min
Supply	24 V DC
Index protection rating	IP 20
Limit switch unit	Electronic
Limit switch capacity	38 turns turns each directional rotation at maximum speed
Temperature working range	0°C to 60°C
Electric insulation	Class III

Performances

Nominal voltage	24 V DC
Torque	4 Nm
Speed	10- 25 rpm Adjustable
Radio protocal	RTS
Radio frequencies	433.42 MHz

Certifications

Wired Blind

Sonesse® ULTRA 50 RS485 DC

Somfy ✚

Recommended to use with
+ Silent accessories
+ Silent fabric
+ Professional installation

The quietest and strongest motor on the market:
ULTRA quiet, ULTRA powerful, ULTRA flexible

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

Roller blinds

Projection screens

Main functionalities

Designed for silence

DATA CABLE
Easy limit setting
Easy setting thanks to RS485 setting tool or RS485 controller.

MOTOR NODE ID
Motor node ID
Easy localization with motor node ID.

Information feed back
On the controller interface.

Square head
6 possibilities to orientate the motor head.

Adjustable speed
From 10 to 25 rpm.

Soft start and Soft stop

Dimensions and Wiring

Motor length (L1)	780 mm
Motor length (L3)	800 mm

L1
18.2
3.85
Ø 47.5
L3
17.5

SQUARE HEAD
63.7
63.7
48

3 buttons for limit setting and operation

2 mounting bosses that accept self tapping screws.
Dia. 4 mm, depth 11 mm spaced 1.89" (48 mm) apart.
NOTE: Bracket mounting bosses must transfer torque.

JST to Motor

G + - NC V- V+

Weidmuller Connects to Network

V+ V- + - G

Cable Detail View
10 inches
1 in. max
.75 in. max

Connector Markings Detail View
Font: Ariel
Height: 2.3mm
Color: Black

Maximum Power Cable Length
(to guarantee characteristics)

GAUGE	LENGTH
14 AWG	240 ft.
16 AWG	150 ft.
18 AWG	100 ft.

somfy.

Sonesse® ULTRA 50 RS485 DC

Somfy Digital Network RS485

Technical features

Thermal time	5 min
Supply	24 V DC
Index protection rating	IP 20
Limit switch unit	Electronic
Limit switch capacity	38 turns turns each directional rotation at maximum speed
Temperature working range	0°C to 60°C
Electric insulation	Class III

Performances

Nominal voltage	24 V DC
Torque	4 Nm
Speed	10- 25 rpm Adjustable

Certifications

c UL us   CE

somfy.

Wired Blind

Sonesse® 50 WT

WIRED TECHNOLOGY

Somfy +

Recommended to use with
+ Silent accessories

The new acoustic standard for Interior

Window Covering market.

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

| Roller blinds | Roman blinds | Pleated and cellular blinds | Zebra blinds | Projection screens | Venetian blinds* |

*No tilting function

Main functionalities

Designed for silence

Rapid adjustment buttons
Right or left mounting version identified by the colour of the up and down limit buttons.

Progressive limit setting
Thanks to the progressive adjusting knob on the motor head.

Star head
6 possibilities to orientate the motor head.

Round head
For reduced dimensions.

Dimensions and Wiring

230 V / 220 V

Blue = Neutral
Brown = Active 1
Black = Active 2
Green/Yellow = Earth

120 V / 100 V

White = Neutral
Red = Active 1
Black = Active 2
Green = Earth

STAR HEAD

L

Ø 47

3,05 25 17,15 min 20

24 Ø 74

Ø 63

ROUND HEAD

L

Ø 47

3,95 25

ø49.6 max

14,3 max
16,95 max

somfy.

Sonesse® 50 WT

WIRED TECHNOLOGY

Technical features

Thermal time	4 min*
Supply	AC
Index protection rating	IP 44
Limit switch unit	Rapid & Progressive
Limit switch capacity	46 turns for Rapid Adjustment 29 turns for Progressive Adjustment
Temperature working range	-20°C to 60°C
Electric insulation	Class I

* Values given for 120 V

Performances

	230 V / 50 Hz				120 V / 60 Hz		100 V / 50-60 Hz		220 V / 60 Hz	
Nominal voltage	230 V / 50 Hz				120 V / 60 Hz		100 V / 50-60 Hz		220 V / 60 Hz	
Torque	6Nm	6Nm	10Nm	15Nm	6Nm	10Nm	5Nm	10Nm	5Nm	10Nm
Speed	17rpm	28rpm	28rpm	17rpm	32rpm	32rpm	28/32rpm	28/32rpm	32rpm	32rpm
End-limit unit versions available	RA	RA, PA	RA	RA, RARH, PA, PS			RARH, PA		RA, PA	

Dimensions

Motor length (L)	553 mm	603mm

Certifications

Wired Blind

Sonesse® 50 DCT

DRY CONTACT

Somfy ✚

Recommended to use with
+ Silent accessories

Somfy quiet motorization for large blinds and projection screen, dedicated to interior applications.

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

Roller blinds

Projection screens

Main functionalities

Designed for silence

Easy limit setting
Easy setting thanks to DCT setting tool.

Star head
6 possibilities to orientate the motor head.

Dimensions and Wiring

120 V / 100 V

White = Neutral

Black = Active

Green = Earth

STAR HEAD

RJ9 Pin Outs

L1
L2

Ø 47

ø 63

3.95

25

17.15 min.

20

L3
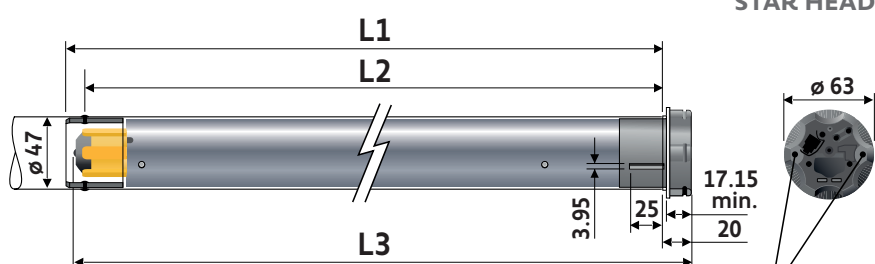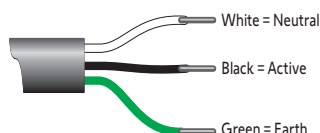
2 mounting holes for self tapping screws. Dia. 5 mm (cat #9670013). Depth 13 mm spaced 1.89" (48 mm) apart.

1
2
3
4
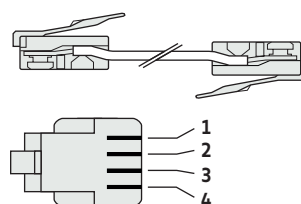
PIN COLOR	4 RED	3 BLUE	2 WHITE	1 YELLOW
DRY Contact	UP	GND	-	DOWN

somfy.

Sonesse® 50 DCT

DRY CONTACT

Technical features

Thermal time	4 min
Supply	AC
Index protection rating	IP 44
Limit switch unit	Electronic
Limit switch capacity	35 turns each directional rotation at maximum speed
Temperature working range	0°C to 60°C
Electric insulation	Class III

Performances

Nominal voltage	120 V / 60 Hz	
Torque	6 Nm	10 Nm
Speed	32 rpm	32 rpm

Dimensions

Motor length (L1)	653mm	673mm
Motor length (L2)	640mm	660mm
Motor length (L3)	666mm	686mm

Certifications

somfy.

Wired Blind

Sonesse® 50 RTS

RTS
Radio Technology Somfy®

Somfy ✚

Recommended to use with
+ Silent accessories

The new acoustic standard for Interior

Window Covering market.

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

| Roller blinds | Roman blinds | Pleated and cellular blinds | Zebra blinds | Projection screens | Venetian blinds* |

*No tilting function

Main functionalities

Designed for silence

Remote limit setting

Compatible with Solar protection functions

"my" favorite
Move in one click your blind in your favorite position.

Star head
6 possibilities to orientate the motor head.

Round head
For reduced dimensions.

Dimensions and Wiring

230 V / 220 V

Blue = Neutral
Brown = Active
Green/Yellow = Earth

120 V / 100 V

White = Neutral
Black = Active
Green = Earth

STAR HEAD

L
ø 47
ø 63
3.95
26.1 max.
17.15 min.
20 max.

2 mounting holes for self tapping screws. Dia. 5 mm (cat #9670013).

ROUND HEAD

L
ø 47
ø 49.6
3.95
26.1 max.
14.3 max.
16.95 max.

2 mounting holes for self tapping screws. Dia. 4 mm (cat #100405B).

somfy.

Sonesse® 50 RTS

Technical features

Thermal time	4 min*
Supply	AC
Index protection rating	IP 44
Limit switch unit	Rapid & Progressive
Limit switch capacity	250 turns
Temperature working range	-20°C to 60°C
Electric insulation	Class I

* Values given for 120 V

Performances

	230 V / 50 Hz				120 V / 60 Hz		100 V / 50-60 Hz		220 V / 60 Hz	
Nominal voltage										
Torque	6Nm	6Nm	10Nm	15Nm	6Nm	10Nm	5Nm	10Nm	5Nm	10Nm
Speed	17rpm	28rpm	28rpm	17rpm	32rpm	32rpm	28/32rpm	28/32rpm	32rpm	32rpm
Radio frequencies available for RTS	433.42 MHz				433.42 MHz		426.0265 MHz		447.7 MHz	

Dimensions

Motor length (L)	553-779/ 782mm	603mm

Certifications

somfy.

Wired Blind

Sonesse® 50 RS485

Somfy +

Recommended to use with
+ Silent accessories

Recommended to set with
+ RS485 Setting Tool (ref. 9 017 142)

The digital offer of the new acoustic standard for Interior Window Covering.

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

| Roller blinds | Roman blinds | Pleated and cellular blinds | Zebra blinds | Projection screens | Venetian blinds* |

*No tilting function

Main functionalities

Designed for silence

DATA CABLE
Easy limit setting
Easy setting thanks to RS485 setting tool or RS485 controller.

MOTOR NODE ID
Motor node ID
Easy localization with motor node ID.

Information feed back
On the controller interface.

Star head
6 possibilities to orientate the motor head.

Dimensions and Wiring

230 V / 220 V

Blue = Neutral
Brown = Active
Green/Yellow = Earth

120 V / 100 V

White = Neutral
Black = Active
Green = Earth

STAR HEAD

L

ø 47

ø 63

3.95

26.1 max.

17.15 min.

20 max.

2 mounting holes for self tapping screws. Dia. 5 mm (cat #9670013).

somfy.

Sonesse® 50 RS485

Somfy
Digital
Network
RS485

Technical features

Thermal time	4 min*
Supply	AC
Index protection rating	IP 44
Limit switch unit	Electronic
Limit switch capacity	300 turns
Temperature working range	-20°C to 60°C
Electric insulation	Class I

* Values given for 120 V

Performances

	230 V / 50 Hz				120 V / 60 Hz		100 V / 50-60 Hz		220 V / 60 Hz	
Nominal voltage	230 V / 50 Hz				120 V / 60 Hz		100 V / 50-60 Hz		220 V / 60 Hz	
Torque	6Nm	6Nm	10Nm	15Nm	6Nm	10Nm	5Nm	10Nm	5Nm	10Nm
Speed	17rpm	28rpm	28rpm	17rpm	32rpm	32rpm	28/32rpm	28/32rpm	32rpm	32rpm

Dimensions

Motor length (L)	653mm	673 mm	653mm	673mm	653mm	673mm	653mm	673mm

Certifications

somfy.

Wired Blind

Sonesse® 40 WT

WIRED TECHNOLOGY

Somfy ✛

Recommended to use with
+ Silent accessories

The new acoustic standard for Interior
Window Covering market.

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

Roller blinds

Roman blinds

Pleated and cellular blinds

Zebra blinds

Projection screens

Venetian blinds*

*Using CTS 40

Main functionalities

Designed for silence

Progressive limit setting
Thanks to the progressive adjusting knob on the motor head.

Thin head
White and thin round head for discreet blending.

Dimensions and Wiring

230 V / 220 V

Blue = Neutral
Brown = Active 1
Black = Active 2

120 V / 100 V

White = Neutral
Red = Active 1
Black = Active 2
Green = Earth

ROUND HEAD

L   13.5

ø 38

29

ø 12

60

somfy

Sonesse® 40 WT

WIRED TECHNOLOGY

Technical features	
Thermal time	4 min for 120V 5 min for 230V, 100V, 220V
Supply	AC
Index protection rating	IP 44
Limit switch unit	Progressive
Limit switch capacity	40 turns
Temperature working range	0°C to +10°C 1500 cycles +35°C to +60°C 3500 cycles
Electric insulation	Class II - Class I for 120 V and 100 V

Performances												
Nominal voltage	230 V / 50 Hz			120 V / 60 Hz			100 V / 50-60 Hz			220 V / 60 Hz		
Torque	3Nm	6Nm	9Nm	4Nm	6Nm	9Nm	3Nm	5Nm	7Nm	3Nm	6Nm	9Nm
Speed	30rpm	20rpm	12rpm	36rpm	24rpm	14rpm	30rpm	20rpm	12rpm	36rpm	24rpm	14rpm

Dimensions								
Motor length (L)	462mm	494mm	462mm	494mm	462mm	494mm	462mm	494mm

Certifications

somfy.

Wired Blind

Sonesse® 40 RTS

RTS
Radio Technology Somfy®

Somfy ✚

Recommended to use with
+ Silent accessories

The new acoustic standard for Interior

Window Covering market.

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

| Roller blinds | Roman blinds | Pleated and cellular blinds | Zebra blinds | Projection screens | Venetian blinds* |

*Using CTS 40

Main functionalities

| Designed for silence | Remote limit setting | Compatible with Solar protection functions | Compatible with modulis functions | "my" favorite Move in one click your blind in your favorite position. | Thin head White and thin round head for discreet blending. |

Dimensions and Wiring

230 V / 220 V

Blue = Neutral
Brown = Phase

120 V / 100 V

White = Neutral
Black = Active
Green = Earth

ROUND HEAD

L
13.5
ø 38
29
ø 12
60

---

somfy.
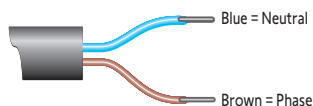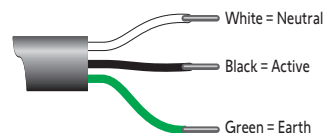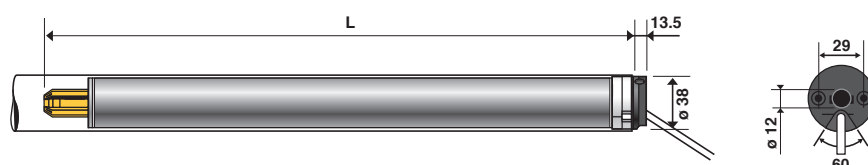
Sonesse® 40 RTS

Technical features

Thermal time	4 min for 120V 5 min for 230V, 100V, 220V
Supply	AC
Index protection rating	IP 44
Limit switch unit	Electronic
Limit switch capacity	250 turns (limited to 3 minutes of rotation without stop)
Temperature working range	0°C to +10°C 1500 cycles +35°C to +60°C 3500 cycles
Electric insulation	Class II for 230 V, 220 V Class I for 120 V

Performances

Nominal voltage	230 V / 50 Hz			120 V / 60 Hz			220 V / 60 Hz		
Torque	3Nm	6Nm	9Nm	4Nm	6Nm	9Nm	3Nm	6Nm	9Nm
Speed	30rpm	20rpm	12rpm	36rpm	24rpm	14rpm	36rpm	24rpm	14rpm
Radio frequencies available for RTS	433.42 MHz			433.42 MHz			447,7 MHz		

Dimensions

Motor length (L)	504mm	535mm	504mm	535mm	504mm	535mm	504mm	535mm

Certifications

Wired Blind

Sonesse® 40 RS485

Somfy Digital Network RS485

Somfy ✚

+ Recommended to use with Silent accessories
+ Easy Integration with BMS through RS485 open protocol
+ Thin round head reduce light gap
+ 3 head cover colour to adapt décor
+ Setting from distance
+ Bi-directional position feedback
+ Easy customization of group control
+ Wide range from 3Nm to 9Nm

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

| Roller blinds | Roman blinds | Pleated and cellular blinds | Zebra blinds | Venetian blinds | Sheer horizontal shades |

Main functionalities

Designed for silence

Easy limit setting

Position feedback

Motor node id
Easy localization with motor node id

Thin head
Black and thin round head for discreet blending.

Dimensions and Wiring

230 V / 220 V

Blue = Neutral

Brown = Phase

120 V

White = Neutral

Black = Active

Int   Ø 37   L   H 9.2   Ø 38   D

somfy.

Sonesse® 40 RS485

Somfy Digital Network RS485
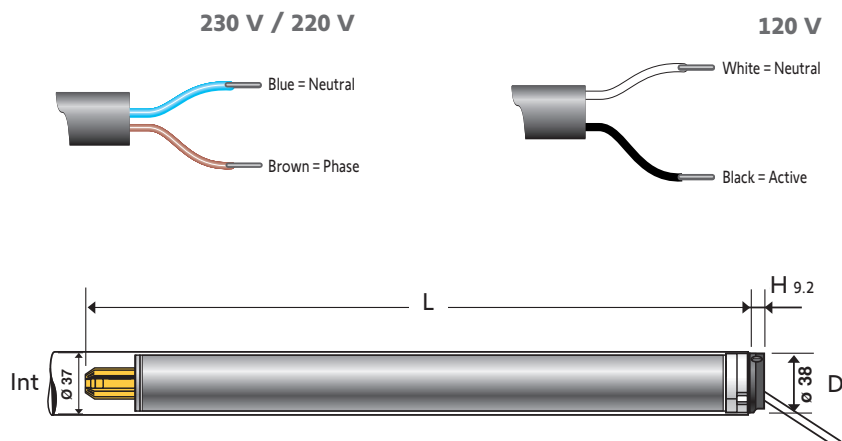
Technical features

Supply	24 AC
Index protection rating	IP 31
Limit switch unit	Electronic
Limit switch capacity	250 turns
Temperature working range	0°C to +60°C
Electric insulation	Class II

Performances

	230 V / 50 Hz			220 V / 60 Hz			120 V / 60 Hz		
Nominal voltage									
Torque	3Nm	6Nm	9Nm	3Nm	6Nm	9Nm	4Nm	6Nm	9Nm
Speed	30rpm	20rpm	12rpm	36rpm	24rpm	14rpm	36rpm	24rpm	14rpm
Sound level (dBA)*	42	45	40	-	-	-	42	44	40

*Power level at nominal torque and speed.

Dimensions

Motor length (L)	506mm	537mm	537mm	-	-	-	506mm	537mm	537mm

Certifications

CE · VDE · EHL · KC · c UL us LISTED

somfy.

Wired Blind

Sonesse® 30 DCT

DRY CONTACT

Somfy ✚

+ Recommended to use with Silent accessories
+ Easy Integration with automation system through Dry Contact
+ Thin round head reduce light gap
+ 3 head cover colour to adapt décor
+ Fit small diameter tube and small window
+ Simple setting with DCT setting tool
+ Prog button on motor head allow push button control

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

| Roller blinds | Roman blinds | Pleated and cellular blinds | Zebra blinds | Venetian blinds | Projection screens |

Main functionalities

Designed for silence

Easy limit setting
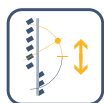
Slats tilting
Functional with power supplies and controllers allowing tilting.

"my" favorite
Move in one click your blind in your favorite position.

Adjustable speed

Soft start and Soft stop

Thin head
Black and thin round head for discreet blending.

Speed control

Dimensions and Wiring

| Motor length (L) | 440 mm |

24 V DC power cable and communication
One cable for Power & Communication = 195cm
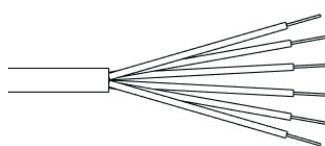
Black = Negative
Red = Positive
White/Blue = Up
Blue = Stop
White/Orange = Down
Orange = Ground

Round head

29.0

Ø 7.3

Mounting Holes
Ø 3.0
7.0 Deep
Accepts M3.5 Screws for Plastic

L 440mm
H 8mm
Int Ø28.8
D Ø38mm

somfy.
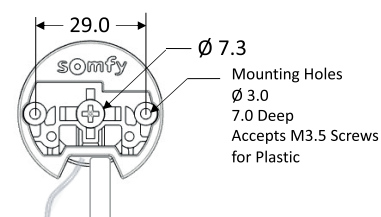
Sonesse® 30 DCT

DRY CONTACT

Technical features

Voltage supply	21.6 — 26.4 VDC
Index protecting rating	IP 30
Limit switch unit	Electronic
Limit switch capacity	150 turns (limited to 5 minutes of rotation without stop)
Temperature working range	0°C to +60°C
Insulation class	Class III

Performances

Nominal voltage	24 V DC
Torque	2 Nm
Default speed (rpm)	25 rpm
Speed range	6 to 28 rpm (speed regulated and adjustable)
Sound level (dBa)*	<42

*Power level at nominal torque and speed.

Certifications

somfy.

Wired Blind

Sonesse® 30 RTS

RTS
Radio Technology Somfy®

Somfy ✚

+ Recommended to use with Silent accessories
+ Thin round head reduce light gap
+ 3 head cover colour to adapt décor
+ Fit small diameter tube and small window
+ Easy radio setup with RTS
+ Prog button on motor head allow push button control
+ Adjustable speed from 6 to 28 rpm

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

Roller blinds

Roman blinds

Pleated and cellular blinds

Zebra blinds

Venetian blinds

Main functionalities

Designed for silence

Remote limit setting

Soft start and Soft stop

"my" favorite
Move in one click your blind in your favorite position.
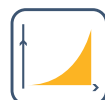
Compatible with modulis functions

Adjustable speed

Speed control

Thin head
Black and thin round head for discreet blending.

Dimensions and Wiring

Motor length (L)	440mm

Power cable

Red = Positive

Black = Negative

THIN HEAD

L 440mm

H 8mm

Int Ø28.8

D Ø38mm

29.0

Ø 7.3
Mounting Holes
Ø 3.0
7.0 Deep
Accepts M3.5 Screws
for Plastic

somfy.
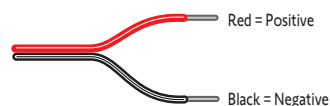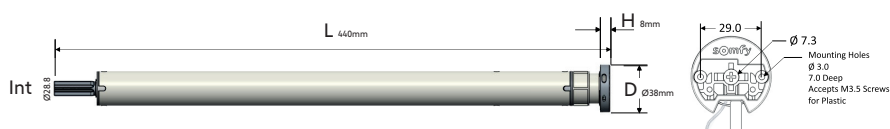
Sonesse® 30 RTS

Technical features

Voltage supply	24 VDC
Index protecting rating	IP 30
Limit switch unit	Electronic
Limit switch capacity	150 turns
Temperature working range	0°C to +60°C
Insulation class	Class III

Performances

Nominal torque	2 Nm
Norminal Speed	25 rpm
Adjustable speed	6 to 28 rpm (speed regulated and adjustable)
Radio frequency	433.42 MHz
Sound level (dBa)*	<42

*Power level at nominal torque and speed.

Certifications

somfy.

Wired Blind

Sonesse® 30 RS485

Somfy Digital Network RS485

Somfy +

Recommended to use with
+ Sonesse 30 range of accessories

Recommended to set with
+ RS485 Setting Tool (ref. 9 017 142)

Somfy quiet motorization for small blinds, dedicated to interior applications.

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

Roller blinds

Roman blinds

Pleated and cellular blinds

Zebra blinds

Venetian blinds

Main functionalities

Designed for silence

Easy limit setting
Easy setting thanks to DCT setting tool.

MOTOR NODE ID
Motor node ID
Easy localization with motor node ID.

Information feed back
On the controller interface.

Adjustable speed
From 10 to 28 rpm.

Soft start and Soft stop

Thin head
White and thin round head for discreet blending.

Stabilized speed
For a perfect alignment of the blinds one with each other.

Dimensions and Wiring

Motor length (L)	398 mm

Power cable

Grey = Positive

White = Negative

3 wire cable

Red = +

Green = Gound

Black = Earth

THIN HEAD

L

8.3

ø7.3

29.0

ø44.0

2.3

MOUNTING HOLES
ø3.0
7.04 DEEP
ACCEPTS M3.5 SCREW
FOR PLASTIC

somfy
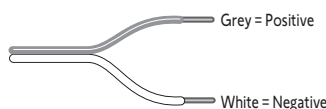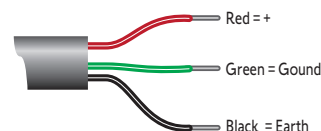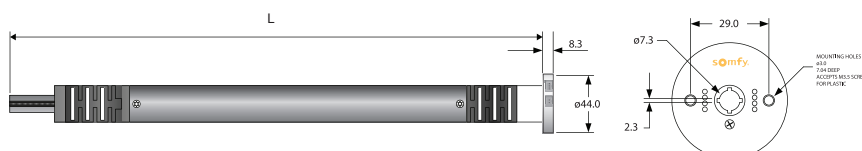
Sonesse® 30 RS485

Technical features	
Thermal time	2.5 min (software management)
Supply	24 V DC
Index protection rating	IP 30
Limit switch unit	Digital
Limit switch capacity	44 turns
Temperature working range	0°C to +60°C
Electric insulation	Class III

Performances	
Nominal voltage	24 V DC
Torque	2 Nm
Speed	Adjustable speed from 6 to 28 rpm

Certifications
C E

somfy.

Wired Blind

LT 50

WIRED TECHNOLOGY

Somfy ✚

A wide range of torque and speed

The proofed diameter 50 mm WT motor for blinds and screens.

Compatible end-products

Roller blinds

Roman blinds

Projection screens

Zebra blinds

Main functionalities

Rapid adjustment buttons
Right or left mounting version identified by the colour of the up and down limit buttons.

Progressive limit setting
Thanks to the progressive adjusting knob on the motor head.

Star head
6 possibilities to orientate the motor head.

Round head
For reduced dimensions.

Dimensions and Wiring

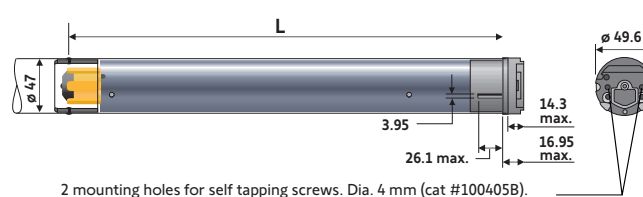### 230 V / 220 V

Blue = Neutral
Brown = Active 1
Black = Active 2
Green/Yellow = Earth

120 V / 100 V

White = Neutral
Red = Active 1
Black = Active 2
Green = Earth

STAR HEAD

L
Ø 47
24
Ø 74
17.15 min
26
20
Ø 63
3.95

ROUND HEAD

L
Ø 47
ø49.6 max
14.3 max
25
16.95 max
3.95

somfy.

LT 50

WIRED TECHNOLOGY
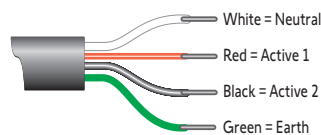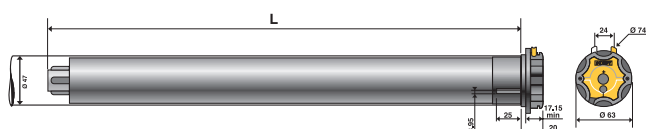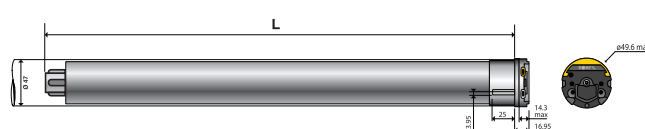
Technical features

Thermal time	4 min for 230 V 5 min for 120 V, 220 V, 100 V 2.25 min for Saudi Arabia
Supply	AC
Index protection rating	IP 44
Limit switch unit	Rapid & Progressive
Limit switch capacity	46 turns for Rapid Adjustment 29 turns for Progressive Adjustment
Temperature working range	Normal use : -10°C to +40° C Exceptionnal use (20% of the life time not simultaneous) : -25°C to +70°C
Electric insulation	Class I

Performances

Nominal voltage	230 V / 50 Hz								120 V / 60 Hz				100 V / 50-60 Hz			220 V / 60 Hz						
Torque	4Nm	4Nm	6Nm	6Nm	8Nm	10Nm	10Nm	15Nm	4Nm	6Nm	10Nm	15Nm	5Nm	10Nm	15Nm	3Nm	5Nm	6Nm	8Nm	9Nm	12Nm*	14Nm
Speed	32rpm	54rpm	32rpm	54rpm	17rpm	32rpm	54rpm	32rpm	38rpm				32/38rpm	32/38rpm	32/38rpm	38rpm		20rpm		64rpm	38rpm	20rpm
End-limit unit versions available	RA, PA, RH	RA	RA, PA, RH	RH	RA, PA, RH	RA, PA	RH	RA, PA, RH	RA, RH	RA, PA, RH	RA, PA, RH	RA, RH	RA, PA, RH	RA, RH		RA						

* For Saudi Arabia only

Dimensions

Motor length (L)	496mm	516mm	516mm	546mm	496mm	546mm	596mm	596mm	496mm	516mm	545mm	596mm	493mm	543mm	596mm	496mm	516mm	496mm	516mm	596mm	596mm	516mm

Certifications

CE VDE UL (tick) CCC NF SASO

somfy.

Wired Blind

LTN 50

WIRED TECHNOLOGY

Somfy ✚

A wide range of torques and speeds

Diameter 50 mm motor for blinds and screens.

Compatible end-products

Roller blinds

Projection screens

Main functionalities

Rapid adjustment buttons
Right or left mounting version identified by the colour of the up and down limit buttons.

Star head
6 possibilities to orientate the motor head.

Dimensions and Wiring

230 V / 220 V

Blue = Neutral
Brown = Active 1
Black = Active 2
Green/Yellow = Earth

STAR HEAD

L

Ø 47

3,95

25

17,15 min

20

24

Ø 74

Ø 63

somfy.

LTN 50

WIRED TECHNOLOGY

Technical features

Thermal time	4 min
Supply	AC
Index protection rating	IP 44
Limit switch unit	Rapid adjustment
Limit switch capacity	46 turns
Temperature working range	Normal use : -10°C to +40° C Exceptionnal use: - 20°C to + 50°C
Electric insulation	Class I

Performances

Nominal voltage	230 V / 50 Hz			
Torque	5Nm	6Nm	10Nm	20Nm
Speed	28rpm	16rpm	16rpm	16rpm

Dimensions

Motor length (L)	520mm	520mm	520mm	555mm

Certifications

CE   CCC

somfy.

Wired Blind

Altus 50 RTS

R T S
Radio Technology Somfy®

Somfy ✚

A wide range of torque and speed

The proofed diameter 50 mm RTS motor for blinds and screens.

Compatible end-products

Roller blinds

Roman blinds

Projection screens

Zebra blinds

Main functionalities

"my" favorite
Move in one click your blind in your favorite position.

Remote limit setting

Compatible with Solar protection functions

Star head
6 possibilities to orientate the motor head.

Round head
For reduced dimensions.

Dimensions and Wiring

230 V / 220 V

Blue = Neutral
Brown = Active
Green / Yellow = Earth

120 V / 100 V

White = Neutral
Black = Active
Green = Earth

STAR HEAD

L
ø 47
3.95
26.1 max.
17.15 min.
20 max.
ø 63

2 mounting holes for self tapping screws. Dia. 5 mm (cat #9670013).

ROUND HEAD

L
ø 47
3.95
26.1 max.
14.3 max.
16.95 max.
ø 49.6

2 mounting holes for self tapping screws. Dia. 4 mm (cat #100405B).

Altus 50 RTS

Technical features

Thermal time	4 min for 230 V 5 min for 120 V, 100 V, 220 V
Supply	AC
Index protection rating	IP 44
Limit switch unit	Electronic
Limit switch capacity	250 turns
Temperature working range	Normal use : -10°C to +40° C Exceptionnal use (20% of the life time not simultaneous) : -20°C to +70°C
Electric insulation	Class I

Performances

Nominal voltage	230 V / 50 Hz				120 V / 60 Hz			100 V / 50-60 Hz		220 V / 60 Hz		
Torque	6Nm	6Nm	10Nm	15Nm	6Nm	10Nm	15Nm	5Nm	15Nm	6Nm	8Nm	14Nm
Speed	32rpm	54rpm	32rpm	32rpm	38rpm	38rpm	14rpm	32/38rpm	12/14rpm	20rpm	38rpm	20rpm
End-limit unit versions available	RTS, RTS RH	RTS		RTS RH	RTS, RTS RH		RTS	RTS		RTS		
Radio frequencies available for RTS	433.42 MHz				433.42 MHz			426.0265 MHz		433.42 MHz 447.7 MHz	433.42 MHz	

Dimensions

Motor length (L)	646mm	666 mm	596mm	646mm	596mm	596mm		596mm	646mm

Certifications

Wired Blind

LT 50 RS485

Somfy +

Take full benefits of RS485 bi-directional feature

The proofed digital diameter 50 mm motor for blinds and screens.

Compatible end-products

Roller blinds

Roman blinds

Projection screens

Zebra blinds

Main functionalities

Easy limit setting

MOTOR NODE ID

Easy limit setting
Easy setting thanks to DCT setting tool.

Motor node ID
Easy localization with motor node ID.

Information feed back
On the controller interface.

Star head
6 possibilities to orientate the motor head.

Dimensions and Wiring

230 V / 220 V

Blue = Neutral
Brown = Active
Green/Yellow = Earth

120 V / 100 V

White = Neutral
Black = Active
Green = Earth

STAR HEAD

L

Ø 47

3,95

25

17,15 min

20

24

Ø 74

Ø 63

LT 50 RS485

Somfy Digital Network RS485
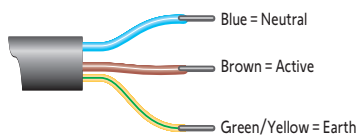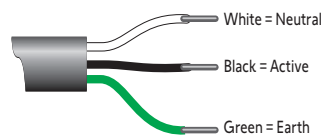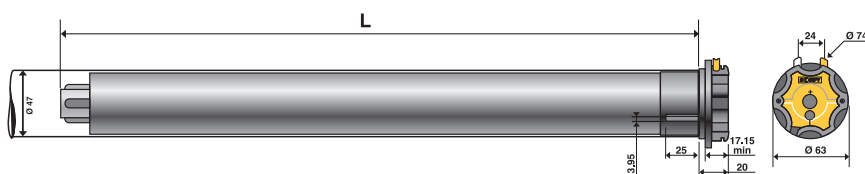
Technical features

Thermal time	4 min for 230 V, 120 V, 220 V 5 min for 100 V
Supply	AC
Index protection rating	IP 44
Limit switch unit	Electronic
Limit switch capacity	300 turns for 230v, 120V, 220V 500 turns for 100 V
Temperature working range	-20°C to +60°C
Electric insulation	Class I

Performances

Nominal voltage	230 V / 50 Hz					120 V / 60 Hz			100 V / 50-60 Hz			220 V / 60 Hz			
Torque	6Nm	6Nm	15Nm	15Nm	35Nm	6Nm	15Nm	35Nm	5Nm	10Nm	20Nm	5Nm	12Nm	6Nm	18Nm
Speed	32rpm	17rpm	17rpm	32rpm	17rpm	38rpm	38rpm	20rpm	28/32 rpm	28/32 rpm	17/20 rpm	38rpm	38rpm	20rpm	20rpm

Dimensions

Motor length (L)	605mm					675mm			605mm			-	605mm	-	

Certifications

CE · UL · RCM · CCC · SASO · KC

somfy.

Wired Blind

LS 40

WIRED TECHNOLOGY

Somfy ✚

A wide range of torques and speeds

The proofed diameter 40 mm motor for blinds and screens.

Compatible end-products

| **Roller blinds** | **Roman blinds** | **Pleated and cellular blinds** | **Zebra blinds** | **Projection screens** | **Venetian blinds*** |

*Using CTS 40

Main functionalities

Progressive limit setting
Thanks to the progressive adjusting knob on the motor head.

Round head
For reduced dimensions.

Dimensions and Wiring

230 V / 220 V

Blue = Neutral
Brown = Active 1
Black = Active 2

120 V / 100 V

White = Neutral
Red = Active 1
Black = Active 2
Green = Earth

ROUND HEAD

L
13.5
Ø 40
Ø 12
29
60

somfy

LS 40

WIRED TECHNOLOGY

Technical features

Thermal time	4 min for 230 V 5 min for 120V, 100V, 220V
Supply	AC
Index protection rating	IP 44
Limit switch unit	Progressive
Limit switch capacity	40 turns (4/16 short : 20 turns)
Temperature working range	Normal use : -10°C to +40° C Exceptionnal use (20% of the life time not simultaneous) : -20°C to + 70°C
Electric insulation	Class II - Class I for 120 V and 100 V

Performances

Nominal voltage	230 V / 50 Hz					120 V / 60 Hz				100 V / 50-60 Hz			220 V / 60 Hz		
Torque	3Nm	4Nm	4Nm (Short)	9Nm	13Nm	4Nm	4Nm	9Nm	12Nm	3Nm	-	7Nm	3Nm	4Nm	9Nm
Speed	30rpm	16rpm	14rpm (Short)	16rpm	10rpm	36rpm	18rpm	16rpm	8rpm	30/36 rpm	-	16rpm	30rpm	18rpm	18rpm

Dimensions

Motor length (L)	442mm	398mm	442mm	453mm	469mm	442mm

Certifications

CE VDE UL ☑ CCC NF SASO KC

somfy.

Wired Blind

LSN 40

WIRED TECHNOLOGY

Somfy +

Easy access to motorization

Recommended to use with
+ LSN 40 crown

The basic 40 mm motor for blinds and screens.

Compatible end-products

Roller blinds

Projection screens

Main functionalities

Progressive limit setting
Thanks to the progressive adjusting knob on the motor head.

Round head
For reduced dimensions.

Dimensions and Wiring

230 V / 220 V

Blue = Neutral
Brown = Active 1
Black = Active 2
Green/Yellow = Earth

120 V / 100 V

White = Neutral
Red = Active 1
Black = Active 2
Green = Earth

ROUND HEAD

L

Ø39

29

ø 12

60

somfy
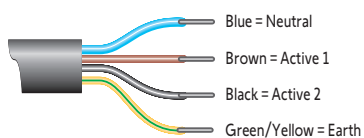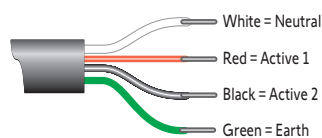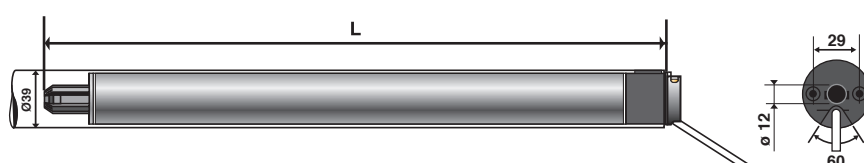
LSN 40

Technical features

Thermal time	4 min
Supply	AC
Index protection rating	IP 44
Limit switch unit	Progressive
Limit switch capacity	40 turns
Temperature working range	0°C to +40°C
Electric insulation	Class II

Performances

Nominal voltage	230 V / 50 Hz			100 V / 50-60 Hz			220 V / 60 Hz
Torque	5Nm	6Nm	9Nm	3Nm	5Nm	7Nm	5Nm
Speed	16rpm	28rpm	16rpm	28/33rpm	16/18rpm	16/18rpm	33rpm

Dimensions

Motor length (L)	526mm

Certifications

Wired Blind

Altus 40 RTS

Somfy ✚

A wide range of torques and speeds

The proofed diameter 40 mm RTS motor for blinds and screens.

Compatible end-products

| Roller blinds | Roman blinds | Pleated and cellular blinds | Zebra blinds | Projection screens | Venetian blinds |

Main functionalities

"my" favorite
Move in one click your blind in your favorite position.

Remote limit setting

Compatible with Solar protection functions

Round head
For reduced dimensions.

Dimensions and Wiring

230 V / 220 V

Blue = Neutral
Brown = Phase

120 V

White = Neutral
Black = Active
Green = Earth

ROUND HEAD

L

13.5

Ø 40

29

Ø 12

60
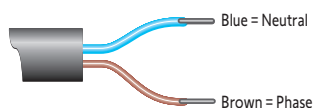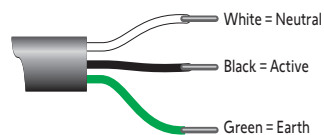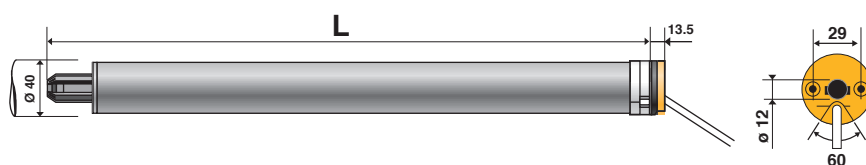
Altus 40 RTS

Technical features

Thermal time	4 min for 230 V 5 min for 120 V, 220 V
Supply	AC
Index protection rating	IP 44 for 230 V, 120 V IP 31 for 220 V
Limit switch unit	Electronic
Limit switch capacity	Limited to 3 minutes of rotation without stop. 280 turns for 220 V
Temperature working range	Normal use : -10°C to +40° C Exceptionnal use (20% of the life time not simultaneous) : -20°C to +70°C 0°C to +60°C for 220 V
Electric insulation	Class II for 230 V, 120 V Class I for 120 V

Performances

Nominal voltage		230 V / 50 Hz			120 V / 60 Hz		220 V / 60 Hz		
Torque	3Nm	4Nm	9Nm	13Nm	4Nm	9Nm	3Nm	4Nm	9Nm
Speed	30rpm	16rpm	16rpm	10rpm	36rpm	18rpm	30rpm	18rpm	18rpm
Radio frequencies available for RTS		433.42 MHz			433.42 MHz		433.42 MHz 447.7 MHz	433.42 MHz	433.42 MHz 447.7 MHz

Dimensions

Motor length (L)	512mm	472mm	512mm		507mm		472mm	507mm

Certifications

Wired Blind

Accessories

LT50 / Altus™ 50 / Sonesse® 50 / Sonesse®ULTRA 50

LT50 wheel 50×1.5 hard clip
- LT50 wheel
- Tube diameter 50×1.5 mm
- Hard clip
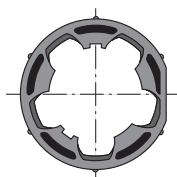
Ref. 9 410 414

LT50 wheel 50×1.5 weak clip limit 50 nm
- LT50 wheel
- Tube diameter 50×1.5 mm
- Soft clip
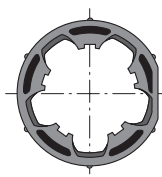
Ref. 9 410 415

LT50 wheel for tube D60
- LT50 wheel
- Tube diameter 60×1.5 mm
- Hard clip
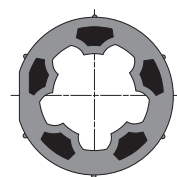
Ref. 9 751 013
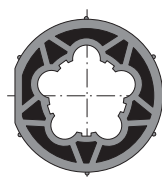
LT50 wheel for tube D63 ×1.5 soft clip
- LT50 wheel
- Tube diameter 63×1.5 mm
- Soft clip
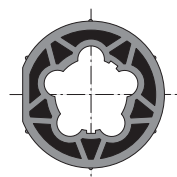
Ref. 9 206 041

LT drive wheel dia 63 mm
- Drive wheel for LT
- Tube diameter 63 mm
- Hard clip

Ref. 9 206 019

LT50 wheel for tube d70 ×1.5 soft clip
- LT50 wheel
- Tube diameter 70 mm
- Soft clip

Ref. 9 206 026

LT50 wheel for tube D70 ×2
- LT50
- Tube 70 mm
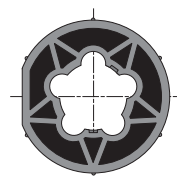
Ref. 9 420 313

LT50 wheel tube Warema D50
- LT50 wheel
- For Warema
- Tube diameter 50 mm
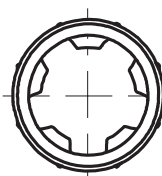
Ref. 9 707 125

LT50 wheel tube 60 Griesser
- LT50 wheel
- For Griesser 60 soloscreen
- Tube diameter 60 mm
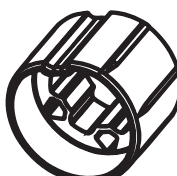
Ref. 9 410 401

LT50 wheel for tube D.62 Deprat
- LT50 wheel
- For Deprat F2000
- Tube diameter 62 mm
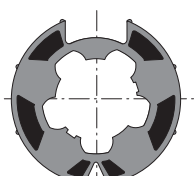
Ref. 9 410 302

LT50 wheel for tube D.62
- LT50 wheel
- Tube diameter 62 mm
- Hard clip
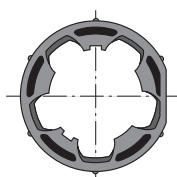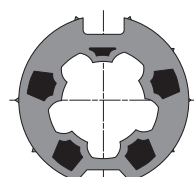
Ref. 9 751 006

LT50 wheel for tube D.63 BK STO REN
- LT50 wheel
- For BK STO BEN
- Tube diameter 63 mm
- Hard clip

Ref. 9 751 014

somfy.

Accessories

LT50 / Altus™ 50 / Sonesse® 50 / Sonesse®ULTRA 50

LT50 wheel for tube D.65 Madopron, Sunmaster
- LT50 wheel
- For Madopron, Sunmaster
- Tube diameter 65 mm
- Hard clip
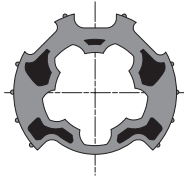
Ref. 9 751 002

LT50 wheel for Perma tubes
- LT50 wheel
- For Perma Tubes
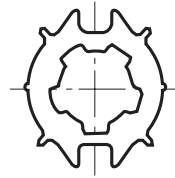
Ref. 9 751 015

LT50 wheel tube OCTO 60
- LT50 wheel
- Octogonal tube diameter **60** mm
- Hard clip
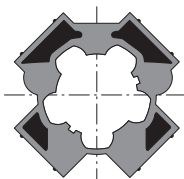
Ref. 9 410 304

LT50 wheel for tube D.70 griesser
- LT50 wheel for tube diameter 70
- Hard clip
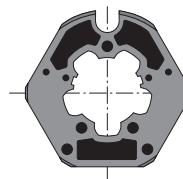
Ref. 9 410 406

LT50 wheel for tube D.70 dohn wih gut imbac D.71 ×2
- LT50 wheel
- Tube diameter 71×2 mm
- Hard clip
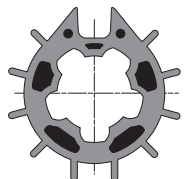
Ref. 9 751 005

LT50 wheel for tube D.74
- LT50 wheel
- Tube diameter 74 mm
- Hard clip
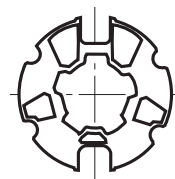
Ref. 9 751 009
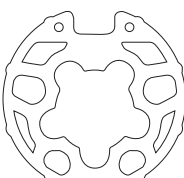
LT50 wheel for tube D.71 Perma
- LT50 wheel
- For Perma
- Tube diameter 71 mm
- Hard clip

Ref. 9 761 011

LT50 crown for tube D.60
- LT50 crown
- Tube diameter 60 mm
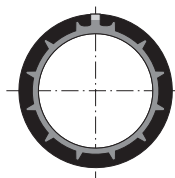
Ref. 9 707 033

LT50 crown DS 63×1.5
- LT50 crown
- Tube diameter 63 mm
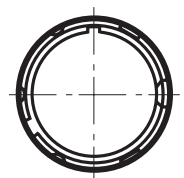
Ref. 9 707 029

LT50 crown for tube D.70
- LT50 crown
- Tube diameter 70 mm
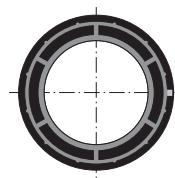
Ref. 9 707 031

LT50 crown tube 60 Griesser
- LT50 crown
- For Griesser 60 soloscreen
- Tube diameter 60 mm
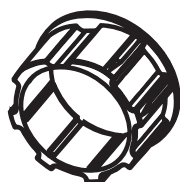
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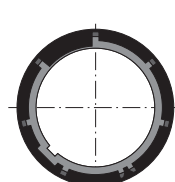
LT50 crown for tube D.62 F2000
- LT50 crown
- Tube diameter 62 mm

Ref. 9 410 300

Wired Blind

Accessories

LT50 / Altus™ 50 / Sonesse® 50 / Sonesse®ULTRA 50

LT50 crown tube E-DS 63
• LT50 crown
• Tube diameter 63 mm
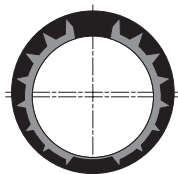
Ref. 9 707 028

LT50 crown for tube MP 65
• LT50 crown
• Tube diameter 65 mm
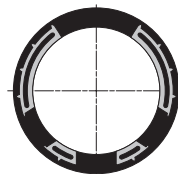
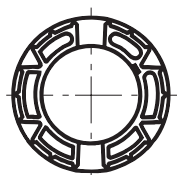Ref. 9 707 030

LT50 crown for Perma 68 / 70 / 71
• LT50 crown
• For Perma
• Tube diameter 68 mm, 70 mm, 71 mm
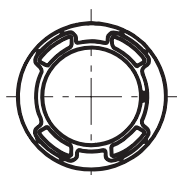
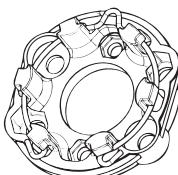Ref. 9 707 036

LT50 crown for Dohner 70
• LT50 crown
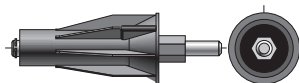• For Dohner
• Tube 70 mm
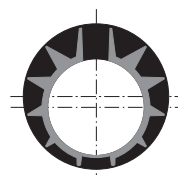
Ref. 9 707 034

LT50 crown for Dohner D.74
• LT50 crown
• For Dohner
• Tube diameter 74 mm

Ref. 9 707 037

Universal bracket with clip
• Max torque: 85 Nm
• White laquered
• 2 holes Ø 6 - 48 mm center distance
• 2 holes Ø 8 - 60 mm center distance
• Delivered without screws

Ref. 9 002 516

Adjustable plug end pin D10
• Adjustable Plug end
• Max: LT50 50 Nm
• Max with FTS system: FTS50 25/17
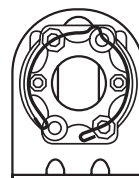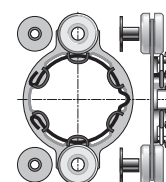
Ref. 9 420 800

LT50 adjustable awning bracket
• Max: 25 Nm

Ref. 9 002 550
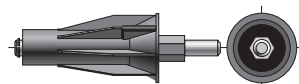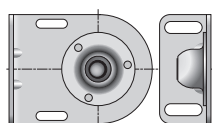
Adjustable plug end pin D12
• Adjustable Plug end
• Max/ LT50 50 Nm
• Max with FTS system: FTS50 25/17
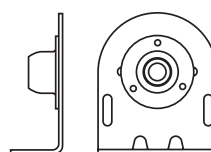
Ref. 9 420 801

Vibration free LT50 BRAC. 90 mm
• Max: 40 Nm
• Fixing entraxe: 90 mm
• It has to be sold with some advices concerning the installation (i.e. treatment of the end product and its fixation)

Ref. 9 410 739

Zincked plug end brack. PIN 12
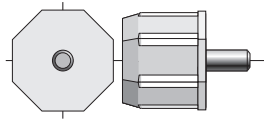• For pin Ø12 mm
• Max: LT50 50 Nm

Ref. 9 410 633

Lacquered plug end bracket for PIN 12
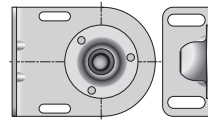• For pin Ø12 mm
• Max: LT50 50 Nm

Ref. 9 410 634

Accessories

LT50 / Altus™ 50 / Sonesse® 50 / Sonesse®ULTRA 50
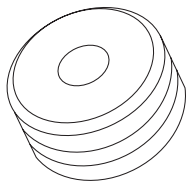
Octogonal plug end for deprat
• For pin Ø 8 mm
• Max: 8 Nm

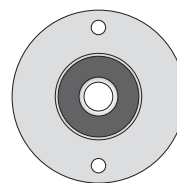Ref.   9 137 018

Zinc plug end brack. PIN 10
• For pin Ø12 mm
• Max: LT50 50 Nm

Ref.   9 4106 35

Anti-vibration washer
• Max torque: 85 Nm to be used with ref. 9 127 808

Ref.   9 410 735

Vibration free plug end bracket
• Max: 8 Nm

Ref.   9 701 310

Telescopic end cap D10 for Sonesse® 50
• Max: 4 Nm
• Rn Ø10 mm

Ref.   9 013 592

Telescopic end cap D12 for Sonesse® 50
• Max: 4 Nm
• Rn Ø12 mm

Ref.   9 013 593

Sonesse® 50 wheel soft clip tube 50 × 1.5 mm
• Max: 15 Nm
• Soft clip
• For tube 50 x 1.5 mm

Ref.   9 018 455

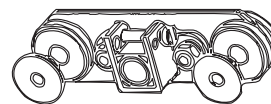**Sonesse® 50 wheel hard clip tube 50 × 1.5 mm**
• Max: 15 Nm
• Hard clip
• For tube 50 x 1.5 mm

Ref.   9 016 630

Sonesse® 50 telescopic end cap D10
• Max: 15 Nm
• Rn Ø10 mm
• For tube 50 x 1.5 mm
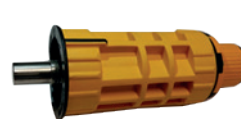
Ref.   9 016 628

Vibration free plug end bracket 90mm
• Max: LT50 40 Nm
• Fixed center distance: 90 mm
• Compatible with the plug ends with a pin Ø 12
• It has to be sold with some advices concerning the installation (i.e. treatment of the end product and its fixation)

Ref.   9 410 740

Sonesse® 50 telescopic end cap D12
• Max: 15 Nm
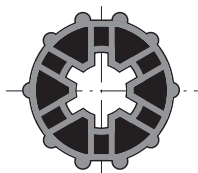• Rn Ø12 mm
• For tube 50 x 1.5 mm

Ref.   9 018 228

Sonesse® 50 UQ universal end cap
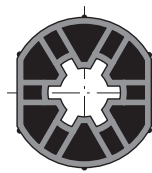• 10mm shaft

Ref.   9019716

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Wired Blind

Accessories

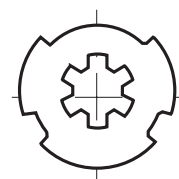### LS 40 / Screen 40 UP / Altus™ 40 / Sonesse® 40

LS 40 wheel for round tube
- LS 40 wheel for round tube
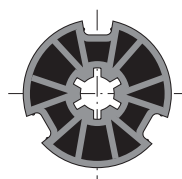- Tube diameter 40 mm

Ref. 9 132 142

LS 40 wheel for D.40×1.5
- LS 40 wheel
- For tube diameter 40×1.5 mm

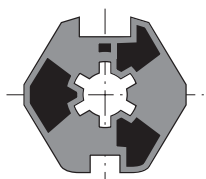Ref. 9 147 544

LS 40 wheel for tube diam 47 mm
- LS 40 wheel
- Tube diameter 40×1.5 mm

Ref. 9 500 322

LS 40 wheel for tube 50 mm
- LS 40 wheel
- Tube diameter 50 mm

Ref. 9 701 208

LS 40 wheel for tube
- LS 40 hexagonal wheel
- For Madopron tube

Ref. 9 132 138

LS 40 wheel for tube Warema diam 50×1.5 mm
- LS 40 wheel
- For Warema
- Tube diameter 50×1.5 mm
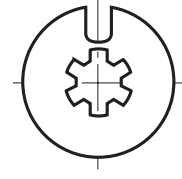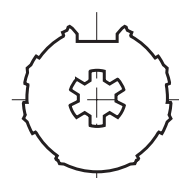
Ref. 9 701 210

LS 40 wheel for tube 53 mm
- LS 40 wheel
- For Nutrohr
- Tube diameter 53 mm

Ref. 9 701 213

Sonesse® 40 crown & drive for 40×1.5 mm tube
- Sonesse® 40 crown & drive
- Designed for silence with acoustic rubber
- Tube diameter 40 mm
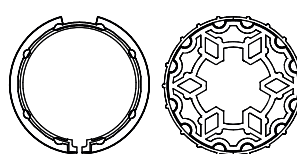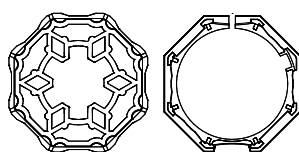
Ref. 9 016 654

Sonesse® 40 crown & drive for 40 mm octogonal tube
- Sonesse® 40 crown & drive
- Designed for silence with acoustic rubber
- Octogonal tube diameter 40 mm

Ref. 9 016 655

LS 40 crown for round tube
- LS 40 crown
- Round tube diameter 40×1 mm

Ref. 9 132 143

LS 40 crown tube D.40×1.5 mm
- LS 40 crown
- Tube 40×1.5 mm
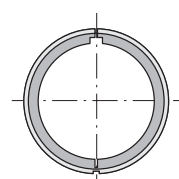
Ref. 9 147 330
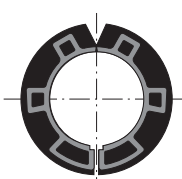
LS 40 crown for tube 50 mm
- LS 40 crown
- Tube diameter 50 mm

Ref. 9 701 207

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Accessories

LS 40 / Screen 40 UP / Altus™ 40 / Sonesse® 40

LS 40 crown for tube
• LS 40 crown
• For Madopron
• Tube diameter 50 mm
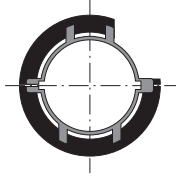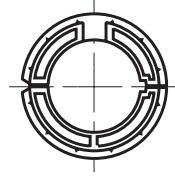
Ref. 9 132 139

LS 40 crown for tube Warema diam 50×1.5 mm
• LS 40 crown
• For Warema
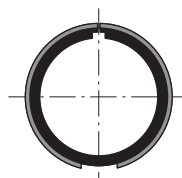• Tube diameter 50×1.5 mm
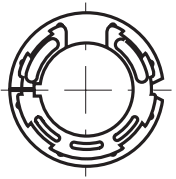
Ref. 9 701 209

LS 40 crown ds 53×1.5 mm
• LS 40 crown
• For Nutrohr
• Tube diameter 53×1.5 mm

Ref. 9 701 206
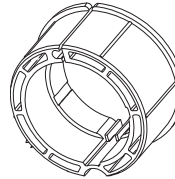
DIAM 40 / 50 crown
• Interface crown 40 / 50 mm

Ref. 9 013 762
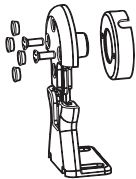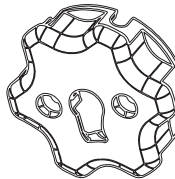
LS 40 bracket

Ref. 9 500 683

LS 40 / LT50 interface bracket
• To switch from 40 mm round head to 50 mm star head
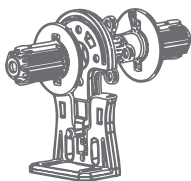
Ref. 9 500 669

LS 40 intermediate bracket
• For multibanding applications
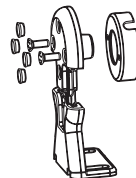
Ref. 9 500 687

LS 40 plug end bracket PIN D.8
• LS 40 bracket plug end 0.8
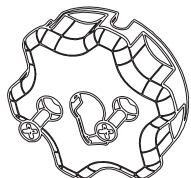
Ref. 9 500 685

LS 40 / LT50 bracket
• To switch from 40 mm round head to 50 mm star head

Ref. 9 500 659
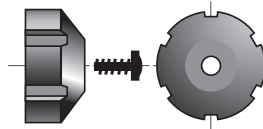
LS 40 stop wheel
• Sonesse® 30 Crown & drive
• For Louvolite
• Tube diameter 40 mm

Ref. 9 147 894
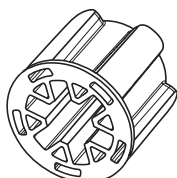
LS 40 / LT50 interface shaft using limit vulcan 13/8
• To switch for 40 mm output shaft to 50 mm output shaft

Ref. 9 500 330
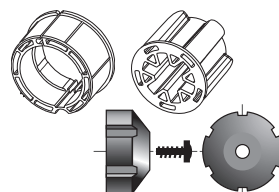
Dia 40 / 50 adaptors kit
• Stop wheel
• Interface crown 40 / 50 mm
• Interface shaft 40 / 50 mm

Ref. 9 013 763

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Wired Blind

Accessories

Sonesse® 30

Sonesse® 30 crown & drive Rollease 1.50"/ 38 mm
• Sonesse® 30 Crown & drive
• For Rollease
• Tube diameter 38 mm

Ref. 9 013 775

Sonesse® 30 crown & drive LS 40
• Sonesse® 30 Crown & drive
• Compatible with all LS 40 accessories

Ref. 9 013 776

Sonesse® 30 crown & drive HD 38 mm
• Sonesse® 30 Crown & drive
• For Hunter Douglas
• Tube diameter 38 mm

Ref. 9 013 938

Sonesse® 30 crown & drive Louvolite 40 mm
• Sonesse® 30 Crown & drive
• For Louvolite
• Tube diameter 40 mm

Ref. 9 014 045

Sonesse® 30 crown & drive Blocker / Duofloor
• Sonesse® 30 Crown & drive
• For Blocker and Duofloor
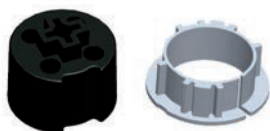
Ref. 9 015 030

Sonesse® 30 crown & drive Louvolite 45 mm
• Sonesse® 30 Crown & drive
• For Louvolite
• Tube diameter 45 mm

Ref. 9 014 333

Ref. 9 420 313 — **Power cable JWT 2-wire**

Ref. 9 014 793 — **DCT cable JWT 4-wire**

Ref. 9 015 842 — **Sonesse® RS485 cable**

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Wirefree Blind

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Wirefree Blind

> **"Connect your customers to more choice and deliver a better way of life."**

Somfy's WireFree™ technology brings true peace of mind and accessible home comfort. Inspire your customers with the versatility of WireFree™ solutions powered by Somfy. This technology offers unlimited scope and powers to automate, connect an extensive range of blinds and window types. There is no need for domestic wiring and sleek designs blend seamlessly into any interior décor. Motorisation means no hanging cords, so you are secure in specifying a child-friendly and pet-safe settings. Either with built-in or external rechargeable lithium-ion battery, Somfy WireFree™ range ensures comfort, efficiency and convenience.

Compatible with the following applications:
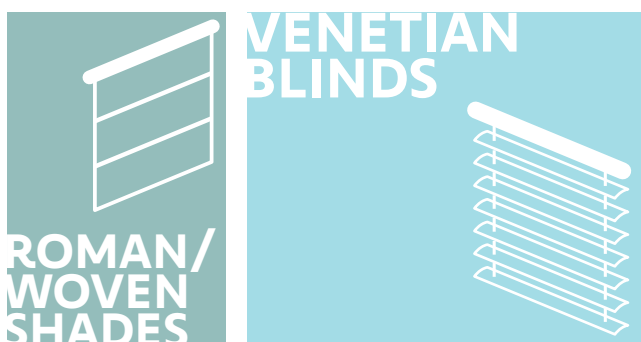
ROLLER SHADES

SHEER/ LAYERED SHADES

VENETIAN BLINDS

ROMAN/ WOVEN SHADES

R T S
Radio Technology Somfy®

Radio Technology Somfy
Compatible with Radio Technology Somfy® (RTS) handheld remotes, a smartphone/tablet app, wireless wall switches, tabletop controls, sensors, timers, and third-party automations systems.

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5 things you need
to know about
WireFree Li-ion motors

1 Why do we choose Li-ion battery motors?

The Lithium-ion battery is a type of rechargeable battery, with advanced & proven technology
Lithium-ion batteries are commonly used in our day-to-day devices, such as :
- Smartphones & Tablets
- Laptop computers
- Power tools
- Electric cars

Lithium-ion technology has several advantages compared to other rechargeable batteries such as NiMH and NiCad :
☑ It saves 30% space
☑ It has virtually no memory effect. Charging and discharging does not cause a decrease of the battery capacity
☑ Low self-discharge: Li-ion battery can be stored without needing to recharge.

How many Lithium-ion cells are needed to power Somfy WF Li-Ion motors?
Each Somfy Li-ion battery pack contains 3 Li-ion cells. Do you have a guess for electric cars? Can you imagine the Tesla model S is powered by 7 000 Li-ion cells!

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Sonesse WF RTS 30 Li-ion

Model S

3 x cells   7000 x cells
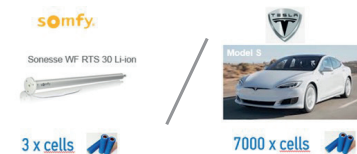
2 Somfy Quality

Since 2017, Somfy Quality Management System has been ISO 9001: 2015 certified for the whole Group. Our best practices are shared throughout the Group's entities with the objective to offer the same level of quality to customers all around the world over the years. This means regular certification audits are conducted at our development centers, manufacturing, logistics and distribution sites.

A global Group supply chain management and qualification process assures quality and safety standards are followed by our whole suppliers' network. This guarantees reliable suppliers, quality process and safe components.

A reliable supplier for Li-ion battery packs
Somfy guarantees the choice for the most reliable supplier of Lithium-ion technology in the market with a mature, robust and controlled manufacturing process.

CERTIFIED
ISO
9001:2015
COMPANY

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3 Are Somfy WireFree™ Li-ion motors **safe**?

The Somfy Li-ion offer is comprised of three main elements:
- Li-ion battery packs
- WireFree™ Li-ion motors
- Li-Ion chargers
The function of each element is meticulously tested in order to ensure safe, optimal performance for Li-ion battery cells.

Somfy Li-ion battery packs
Somfy Li-ion battery packs incorporate a special Protection Circuit Module (PCM) to ensure battery cell safety and prevent the following:
- Overcharging and over-discharging
- Overcurrent and short circuit protection
Our Li-ion battery packs comply with:
- ☑ IEC 62133 (Battery Safety testing)
- ☑ UN 38.3 (Recommendations on the transport of Dangerous Goods)
- ☑ UL 2054 (Household and Commercial batteries)

Somfy WF Li-ion motors
Somfy WF Li-ion motors utilize an advanced technology to monitor and manage the state of the Li-ion battery, thus preventing any possibility of overcharge and over-discharge.
Our WF Li-ion motors comply with:
- ☑ IEC 60335 (Household appliance safety standard)

Somfy Li-ion chargers
Somfy Li-ion chargers manage the charge of the battery packs. They are specific for Li-ion technology in order to ensure a safe and rapid charging.
Our Li-ion chargers comply with:
- ☑ UL 1330 (Appliance Wiring Materials)

Somfy Li-ion technology passed the following tests:
- Thermal testing — temperature extremes
- Vibration & shock testing
- Short circuit
- Impact/crush
- Overcharge
- Forced discharge

IEC | UL

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4 What's the **autonomy** of WireFree™ Li-ion motors?

The overall autonomy of WF Li-ion motors can depend on many factors. Some of these factors may include:
- Type of fabric
- Friction / Load
- Installation of system
- Accessories used
- Frequency of use
- Motor speed
- Radio Frequency (RF) interferences
- Temperature and humidity conditions

To ensure performance consistency, all our motors have been tested on specific reference shades, depending on the type of motor. Here's an example for Roll Up 28 WF motors (0.7 Nm / 1.1 Nm / 1.5 Nm) :

	Roll Up 28 WF motors (0.7 Nm / 1.1 Nm / 1.5 Nm)
Roller tube diameter	32 mm
Shade size	Width : 1.2m - Drop : 2.2m
Friction / Load	20%
Room temperature	20°C
With 1 cycle (up and down) per day	

What are the results?
Somfy WF Li-ion motors need to be recharged once or twice a year (for approximately 4.5 hours) depending on the motor type used. For additional details, please refer to the Somfy Blinds & Shades Motorization (BSM) calculation tool.

Will I ever need to replace the Li-ion rechargeable batteries?
Like all batteries, Li-ion batteries may eventually require replacement. An increased frequency in charging of shade may suggest that the battery is slowly degrading. Should you experience this, the Li-ion batteries will likely need to be replaced. However, replacing Li-ion batteries used in Somfy products is possible through trained professionals or Somfy Experts. This will eliminate the extra cost of replacing the entire system.

5 Somfy **warranty**

Somfy provides a 5-year warranty on motors and controls. Specifically, Somfy warrants its motors and controls to be free from defects and workmanship under normal and proper use for a period of 5 years commencing with the date stamped on the product. A limited 2-year warranty is offered on Lithium-ion batteries.

5 YEARS WARRANTY *

∗ 2 years limited warranty on batteries

How to return Li-ion motors?
The packaging provided with Somfy Li-ion motors is designed and tested in accordance to the transport regulations.
We strongly suggest to reuse it when returning motors.

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Wirefree Blind

Sonesse® ULTRA 30 WF RTS Li-ion

RTS
Radio Technology Somfy®

Lithium-ion ✚

Built-in battery motor:
+ All-in-one solution
+ Aesthetic
+ Compact & light
+ Battery power indicator
+ Easy recharging

The **Sonesse® ULTRA 30 WF Li-ion** is the quietest wirefree motor dedicated to a wide range of interior applications. It features a rechargeable built in Li-ion battery, a powerful lifting capacity and it is capable of precise tilting of blind slats.

WireFree™   V2   Somfy DESIGNED FOR SILENCE

Compatible end-products

| Roller blinds | Roman blinds | Pleated and cellular blinds | Zebra blinds | Sheer horizontal shades | Venetian blinds* |

*Using CTS40

Main functionalities

L

For large size blinds
Capable of lifting up to 18 m^2 blinds (2 Nm).

Designed for silence

Built-in battery motor
Powered by a compact & light lithium-ion battery, for a better integration.

Thin head
White and thin round head for discreet blending.

Soft start and Soft stop

Information feedback
Low battery indicator on the controller interface and easy re-setting.

Adjustable speed
From 10 to 28 rpm.

Compatible with modulis functions

Slats tilting

Compatible with solar panel

Dimensions

Motor length (L)	641 mm
Head thickness (H)	9 mm
Tube min Ø (int)	28.8 mm

H
L
somfy.

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Sonesse® ULTRA 30 WF RTS Li-ion

Technical features

Voltage supply	12V DC
Index protection rating	IP 20 (for indoor use only)
Limit switch type	Electronic
Temperature working range	0°C to 60°C
Temperature charging range	0°C to 45°C
Temperature storage range	-20°C to 60°C
Insulation class	Class III
Antenna	15 cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Performances

Nominal torque	3 Nm
Nominal speed	20 rpm
Adjustable speed	10-28 by increment of 2 rpm
Sound level	😣😣😣😣😣
Radio protocol	RTS
Radio frequency	433.42 MHz
Battery type	12V 2600 mAh (built-in Lithium-ion)
Battery autonomy	Only recharge once per year*
Charging time	< 4.5 hours
Low battery indicator	LED

* With one cycle (up and down) per day. For optimal performance, please refer to Abacus.

Certifications

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Wirefree Blind

Sonesse® 30 WF RTS Li-ion

R T S
Radio Technology Somfy®

Lithium-ion ✚

Built-in battery motor:
+ All-in-one solution
+ Aesthetic
+ Compact & light
+ Battery power indicator
+ Easy recharging

The **Sonesse® 30 WF Li-ion** is the quietest wirefree motor dedicated to a wide range of interior applications. It features a rechargeable built in Li-ion battery, a powerful lifting capacity and it is capable of precise tilting of blind slats.

WireFree™   V1   Somfy DESIGNED FOR SILENCE

Compatible end-products

| Roller blinds | Roman blinds | Pleated and cellular blinds | Zebra blinds | Sheer horizontal shades | Venetian blinds* |

*Using CTS40

Main functionalities

For large size blinds
Capable of lifting up to 18 m^2 blinds (2 Nm).

Designed for silence

Built-in battery motor
Powered by a compact & light lithium-ion battery, for a better integration.

Thin head
White and thin round head for discreet blending.
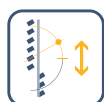
Soft start and Soft stop

Information feedback
Low battery indicator on the controller interface and easy re-setting.

Adjustable speed
From 10 to 28 rpm.

Compatible with modulis functions
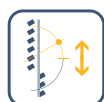
Slats tilting

Dimensions

Motor length (L)	594.5 mm
Head thickness (H)	7.5 mm
Tube min Ø (int)	28.8 mm

H   L

somfy.

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Sonesse® 30 WF RTS Li-ion

Technical features

Voltage supply	12V DC
Index protection rating	IP 20 (for indoor use only)
Limit switch type	Electronic
Temperature working range	0°C to 60°C
Temperature charging range	0°C to 45°C
Temperature storage range	-20°C to 60°C
Insulation class	Class III
Antenna	17.5 cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Performances

Nominal torque	2 Nm
Nominal speed	20 rpm
Adjustable speed	10-28 by increment of 2 rpm
Sound level	😊😊😊
Radio protocol	RTS
Radio frequency	433.42 MHz
Battery type	12V 2600 mAh (built-in Lithium-ion)
Battery autonomy	Only recharge once per year*
Charging time	< 4.5 hours
Low battery indicator	LED

* With one cycle (up and down) per day. For optimal performance, please refer to Abacus.

Certifications

CE NOM EAC

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Wirefree Blind

Sonesse® 28 WF RTS Li-ion

RTS
Radio Technology Somfy®

Lithium-ion ✚

Built-in battery motor:
+ All-in-one solution
+ Aesthetic
+ Compact & light
+ Battery power indicator
+ Easy recharging

The **Sonesse® 28 WF RTS Li-ion** is an easy-to-fit wirefree motor, surprisingly quiet. It features a rechargeable built in Li-ion battery for easy maintenance and sleek design.

WireFree™   V2   Somfy DESIGNED FOR SILENCE

Compatible end-products

| Roller blinds | Roman blinds | Pleated and cellular blinds | Zebra blinds | Sheer horizontal shades |

Main functionalities

M
For medium size blinds
Capable of lifting up to 12 m² blinds (1,1 Nm).

Designed for silence

Built-in battery motor
Powered by a compact & light lithium-ion battery, for a better integration.

Thin head
White and thin round head for discreet blending.

Soft start and Soft stop

Information feedback
Low battery indicator on the controller interface and easy re-setting.

Adjustable speed
From 10 to 28 rpm.

Compatible with modulis functions
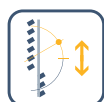
Slats tilting

Compatible with solar panel

Dimensions

	Index A	From Index B
Motor length (L)	530 mm	537 mm
Head thickness (H)	9 mm	9 mm
Tube min Ø (int)	26.6 mm	26.6 mm
Base crown Ø	28 mm	24 mm

H   L   somfy.

somfy®

Sonesse® 28 WF RTS Li-Ion

Technical features

Voltage supply	12V DC
Index protection rating	IP 20 (for indoor use only)
Limit switch type	Electronic
Temperature working range	0°C to 60°C
Temperature charging range	0°C to 45°C
Temperature storage range	-20°C to 60°C
Insulation class	Class III
Antenna	15 cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Performances

Nominal torque	1.1 Nm
Nominal speed	20 rpm
Adjustable speed	10-28 by increment of 2 rpm
Sound level	😀😀😀
Radio protocol	RTS
Radio frequency	433.42 MHz
Battery type	12V 2600 mAh (built-in Lithium-ion)
Battery autonomy	Only recharge once per year*
Charging time	< 4.5 hours
Low battery indicator	LED

* With one cycle (up and down) per day. For optimal performance, please refer to Abacus.

Certifications

somfy

Wirefree Blind

Altus 28 WF RTS Li-Ion II

RTS
Radio Technology Somfy®

Lithium-ion ✚

Built-in battery motor:
+ All-in-one solution
+ No wires nor external battery
+ Low battery LED indicator
+ Easy end-limit setting
+ Compatible with solar panel

The **Altus 28 WF RTS Li-Ion II** is a easy-to-fit wire free motor for a wide range of roller blinds. It features a rechargeable built-in Lithium-Ion battery for an easier installation, maintenance and enhanced aesthetics.

WireFree™

Compatible end-products

| Roller blinds | Roman blinds | Pleated and cellular blinds | Zebra blinds | Sheer horizontal shades |

Main functionalities

M
For medium size blinds
Capable of lifting up to 12 m² blinds (1.1 Nm).

Built-in battery motor
Powered by a compact & light lithium-ion battery, for a better integration.

Thin head
White and thin round head for discreet blending.

Soft start and Soft stop

Adjustable speed

Compatible with modulis functions

Compatible with solar panel

Dimensions

Motor length (L)	534 mm
Head thickness (H)	9 mm
Head diameter Ø (D)	44 mm
Tube min Ø (int)	26.6 mm

H
L
D

somfy®

Altus 28 WF RTS Li-Ion II

Technical features

Voltage supply	12V DC
Index protection rating	IP 20 (for indoor use only)
Limit switch type	Electronic
Temperature working range	0°C to 60°C
Temperature charging range	0°C to 45°C
Temperature storage range	-20°C to 60°C
Insulation class	Class III
Antenna	17,5 cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Performances

Nominal torque	1.5 Nm
Nominal Speed	28 rpm
Adjustable speed	10-28 by increment of 2 rpm
Sound level	<54dB(A)*
Radio protocol	RTS
Radio frequency	433.42 MHz also available in 426MHz and 447MHz
Battery type	12V 2600 mAh (built-in Lithium-ion)
Battery autonomy	Only recharge once per year**
Charging time	< 4.5 hours
Low battery indicator	LED

*Power level at nominal torque and speed.
**With one cycle (up and down) per day in a 1,2m wide, 2m high, Ø32mm tube shade. For optimal performance, please refer to Abacus or BSM Tool.

Certifications

somfy

Wirefree Blind

Altus 28 WF RTS II

RTS
Radio Technology Somfy®

External battery motor:
+ Compact for small windows
+ Low battery LED indicator
+ Easy end-limit setting
+ Compatible with solar panel

The **Altus 28 WF RTS II** is a compact wire free motor for a wide range of roller blinds.

WireFree™

Compatible end-products

Roller blinds	Roman blinds	Pleated and cellular blinds	Zebra blinds	Sheer horizontal shades

Main functionalities

M

For medium size blinds
Capable of lifting up to 12 m² blinds (1,1 Nm).

Battery operated motor
Powered with primary batteries, batteries, solar pack or power supply.

Thin head
White and thin round head for discreet blending.

Soft start and Soft stop

Information feedback
Low battery indicator on the controller interface and easy re-setting.

Adjustable speed

Compatible with modulis functions

Compatible with solar panel

Dimensions

Motor length (L)	315 mm
Head thickness (H)	9 mm
Head diameter Ø (D)	44 mm
Tube min Ø (int)	26.6 mm

H

L

somfy

D

somfy®

Altus 28 WF RTS II

Technical features

Voltage supply	12V DC
Index protection rating	IP 20 (for indoor use only)
Limit switch type	Electronic
Temperature working range	0°C to 60°C
Temperature charging range	0°C to 45°C
Temperature storage range	-20°C to 60°C
Insulation class	Class III
Antenna	17.5 cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Performances

Nominal torque	1.5 Nm
Nominal speed	28 rpm
Adjustable speed	10-28 by increment of 2 rpm
Sound level	<54dB(A)*
Radio protocol	RTS
Radio frequency	433.42 MHz
Power supply	External primary** or rechargeable battery***
Battery autonomy	Only recharge once per year*
Low battery indicator	LED

*Power level at nominal torque and speed.
**Alkaline, Lithium battery tube
*** Li-Ion external battery pack

Certifications

Wirefree Blind

Altus Basic 28 WF RTS Li-Ion II

RTS
Radio Technology Somfy®

Lithium-ion ✚

Built-in battery motor:
+ All-in-one solution
+ No wires nor external battery
+ Low battery LED indicator
+ Easy end-limit setting
+ Compatible with solar panel

The **Altus Basic 28 WF RTS Li-Ion II** embodies Somfy essentials, at an affordable price. It features a rechargeable built in Li-Ion battery for a easier installation, maintenance and improved aesthetics.

WireFree™

Compatible end-products

Roller blinds **Roman blinds** **Zebra blinds**

Main functionalities

For small size blinds
Capable of lifting up to 5 m² blinds (0.5 Nm).

Built-in battery motor
Powered by a compact & light lithium-ion battery, for a better integration.

Speed control

Soft start and Soft stop

Information feedback
Low battery indicator on the controller interface and easy re-setting.

Compatible with modulis functions
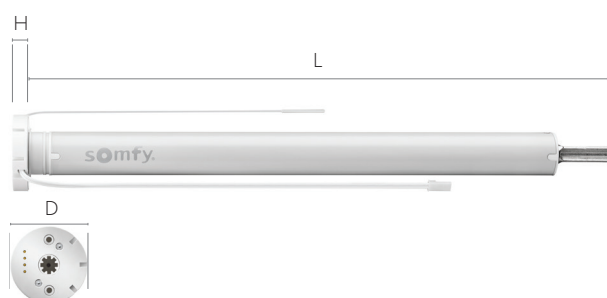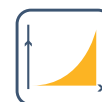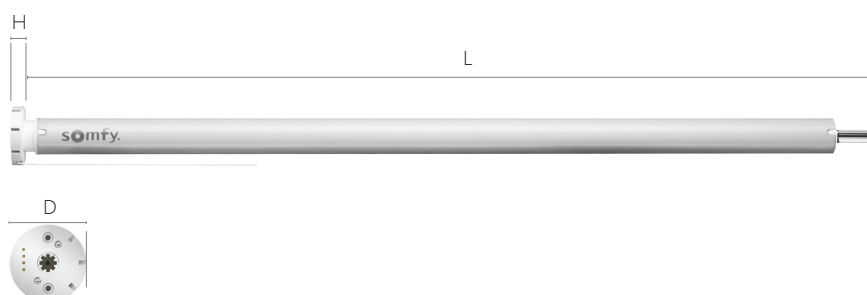
Compatible with solar panel

Adjustable speed

Dimensions

Motor length (L)	494 mm
Head thickness (H)	9 mm
Head diameter Ø (D)	44 mm
Tube min Ø (int)	26.6 mm

H L D

somfy

Altus Basic 28 WF RTS Li-Ion II

Technical features	
Voltage supply	12V DC
Index protection rating	IP 20 (for indoor use only)
Limit switch type	Electronic
Temperature working range	0°C to 60°C
Temperature charging range	0°C to 45°C
Temperature storage range	-20°C to 60°C
Insulation class	Class III
Antenna	17.5 cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Performances	
Nominal torque	0.7 Nm
Nominal speed	28 rpm
Sound level	<54dB(A)*
Radio protocol	RTS
Radio frequency	433.42 MHz
Battery type	12V 1400 mAh (built-in Lithium-ion)
Battery autonomy	Recharge twice per year**
Charging time	< 4.5 hours
Low battery indicator	LED

*Power level at nominal torque and speed.
**With one cycle (up and down) per day in a 1,2m wide, 2m high, Ø32mm tube shade. For optimal performance, please refer to Abacus or BSM Tool.

Certifications

somfy.

Wirefree Blind

Roll Up 24 WF RTS Li-ion

RTS
Radio Technology Somfy®

Lithium-ion ✚

Built-in battery motor:
+ All-in-one solution
+ Aesthetic
+ Compact & light
+ Battery power indicator
+ Easy recharging

The **Roll Up 24 WF RTS Li-ion** is the smallest wirefree motor, that fits the smallest tubes of Ø24 mm. It features a rechargeable built in Li-ion battery for easier maintenance and sleek design.

WireFree™ V2

Compatible end-products

Roller blinds   **Roman blinds**   **Zebra blinds**

Main functionalities

S

For small size blinds
Capable of lifting up to 5 m² blinds (0.5 Nm).

Built-in battery motor
Powered by a compact & light lithium-ion battery, for a better integration.

Thin head
White and thin round head for discreet blending.

Soft start and Soft stop

Information feedback
Low battery indicator on the controller interface and easy re-setting.

Adjustable speed
From 10 to 28 rpm.

Compatible with modulis functions

Compatible with solar panel

Dimensions

Motor length (L)	469 mm
Head thickness (H)	9 mm
Tube min Ø (int)	22 mm

H   L

somfy®

Roll Up 24 WF RTS Li-ion

Technical features

Voltage supply	12V DC
Index protection rating	IP 20 (for indoor use only)
Limit switch type	Electronic
Temperature working range	0°C to 60°C
Temperature charging range	0°C to 45°C
Temperature storage range	-20°C to 60°C
Insulation class	Class III
Antenna	15 cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Performances

Nominal torque	0.55 Nm
Nominal speed	28 rpm
Adjustable speed	10-28 by increment of 2 rpm
Sound level	◯ Not Designed for Silence
Radio protocol	RTS
Radio frequency	433.42 MHz
Battery type	12V 2600 mAh (built-in Lithium-ion)
Battery autonomy	Recharge twice a year*
Charging time	< 4.5 hours
Low battery indicator	LED

* With one cycle (up and down) per day. For optimal performance, please refer to Abacus.

Certifications

CE EAC

somfy

Wirefree Blind

Tilt & Lift 25 WF RTS Central

R T S
Radio Technology Somfy®

Lithium-ion ✚

Built-in battery motor:
+ All-in-one solution
+ Aesthetic
+ Compact & light
+ Battery power indicator
+ Easy recharging

New release for 25mm headrail applications

WireFree™

Somfy
DESIGNED FOR
SILENCE

Compatible end-products

Roman blinds

Pleated and cellular blinds

Ventian blind*

*Using CTS40

Main functionalities

Designed for silence

Battery operated motor
Powered with primary batteries, batteries, solar pack or power supply.

Soft start and Soft stop

Adjustable speed
From 10 to 28 rpm.

Compatible with modulis functions

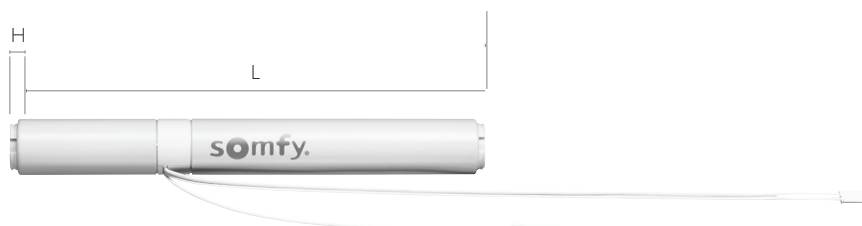**Tilt & Lift**
Can both tilt and lift venetian blinds

Central position
For a wider applications scope (namely venetian recut)

Dimensions

Length (L)	>200 mm

H
L
somfy.

Tilt & Lift 25 WF RTS Central

Technical features

Voltage supply	12V DC
Index protection rating	IP 20 (for indoor use only)
Limit Switch type	Electronic
Temperature working range	0°C to 60°C
Temperature storage range	-20°C to 60°C
Insulation class	Class III
Antenna	15 cm wire length, must not be cut or lengthened. For greatest RF range, must be exposed and should not come in contact with metal surfaces. RF wire may need to be repositioned for optimal performance.

Performances

Ongoing project, specifications might slightly change	
Nominal torque	0.8 Nm
Nominal speed	30 rpm
Adjustable speed	18-30 by increment of 1 rpm
Sound level	😎😎😎
Radio protocol	RTS
Radio frequency	433.42 MHz
Battery autonomy	External primary* or rechargeable battery**

* Alkaline, Ni-MH, Lithium battery tube
** Li-ion battery pack (2600 mAh)

Certifications

CE EAC

somfy

Wirefree Blind

Accessories – Tubular applications

Roll Up 24 WF

Roll up 24 WF louvolite 32 crown & drive
• Roll Up 24 WF crown and drive for Rollease 32 mm tube
• Includes motor plate, screws & washer

Ref. 9 025 710

Roll up 24 WF rollease 1,125''/32mm crown & drive
• Roll Up 24 WF crown and drive for Rollease 32 mm tube
• Includes motor plate, screws & washer

Ref. 9 027 11

Roll up 24 WF rollease 1,125''/28mm crown & drive
• Roll Up 24 WF crown and drive for Louvolite 28 mm tube
• Includes motor plate, screws & washer

Ref. 9 025 712

Roll Up 24 WF 28 mm tube crown & drive
• Roll Up 24 WF crown and drive for 28 mm tube
• Includes screws & washer

Ref. 9 025 744

Roll up 24 WF HD 31 crown & drive
• Roll Up 24 WF crown and drive for Hunter Douglas 31 mm tube
• Includes screws & washer

Ref. 9 025 745

Roll up 24 star hole motor plate
• Motor adapter for Roll Up 24 WF
• Includes screws

Ref. 9 025 713

Roll up 24 motor plate with ears
• Motor adapter for Roll Up 24 WF
• Includes screws

Ref. 9 025 735

Roll up 24 Louvolite 32 motor plate
• Motor adapter for Roll Up 24 WF
• Includes screws

Ref. 9 025 736

Roll up 24 Rollease Skyline motor plate
• Rollease Skyline motor plate for Roll Up 24 WF
• Includes screws
• Color: White

Ref. 9 025 737

Roll up 24 PIN 6*3 motor plate
• Motor adapter for Roll Up 24 WF
• Includes screws

Ref. 9 025 738

Accessories – Tubular applications

**Sonesse®30 WF
Louvolite 40mm
crown & drive**
• Sonesse® 30 WF crown and
  drive for Louvolite 40 mm
  tube
• Includes screw & washer

Ref. 9 020 675

**Sonesse® 30 WF to 400s
adapter kit**
• Sonesse® 30 WF adapter kit
  for 40 mm tubes
• Compatible with LS 40
  accessories
• Includes screw & washer

Ref. 9 020 676

**Sonesse® 30 WF HD
37mm crown & drive**
• Sonesse® 30 WF crown and
  drive for Hunter Douglas
  37 mm tube
• Includes screw & washer

Ref. 9 020 699

**Sonesse® 30 WF
Rollease 1.5"/38mm crown
& drive**
• Sonesse® 30 WF crown and
  drive for Rollease 38 mm tube
• Includes screw & washer

Ref. 9 020 674

**Sonesse® 30 WF Acmeda
Sys 45 crown & drive**
• Sonesse® 30 WF crown and
  drive for Acmeda System
  45 mm tube
• Includes 1 output shaft
  adapter, screw & washer

Ref. 9 0210 018

**Sonesse® 30 WF Acmeda
Sys 45 heavy crown & drive**
• Sonesse® 30 WF crown and
  drive for Acmeda System
  Heavy 45 mm tube
• Includes 1 output shaft
  adapter, screw & washer

Ref. 9 021 036

**Sonesse® 30 WF HD
quantum crown & drive**
• Sonesse® 30 WF crown and
  drive for Hunter Douglas
  Quantum tube
• Includes 1 output shaft
  adapter, screw & washer

Ref. 9 021 037

**Sonesse® 30 WF
Rollease 2" profiled tube
crown & drive**
• Sonesse® 30 WF crown and
  drive for Rollease 50 mm tube
• Includes screw & washer

Ref. 9 0210 011

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Wirefree Blind

Accessories - Tubular applications

Sonesse® 28 WF

Roll up 28 crown Hunter Douglas 31mm
• Roll Up 28 crown for Hunter Douglas 31mm tube

Ref. 9 018 583

Roll up 28 drive wheel for 28×0,7 mm tube
• Roll Up 28 drive wheel for 28×0,7 mm tube
• Includes screw & washer

Ref. 9 018 478

Roll up 28 crown Mechoshade
• Roll Up 28 crown for Mechoshade tube

Image not available

Ref. 9 018 607

ROll up 28 drive wheel Rollease 1.25/32 mm
• Roll Up 28 drive wheel for Rollease 32 mm tube
• Includes screw & washer

Ref. 9 018 476

Roll up 28 crown HD Vignette
• Roll Up 28 crown for Hunter Douglas Vignette tube

Ref. 9 018 585

Roll up 28 crown Hunter Douglas 37 mm
• Roll Up 28 crown for Hunter Douglas 37 mm tube

Ref. 9 018 586

Roll up 28 crown Rollease 1.5/38 mm
• Roll Up 28 crown for Rollease 38 mm tube

Ref. 9 018 475

Roll up 28 crown Shangri-La 38 mm
• Roll Up 28 crown for Shangri-La 38 mm tube

Ref. 9 018 587

Roll up 28 crown Louvolite 40 mm
• Roll Up 28 crown for Louvolite 40 mm tube

Ref. 9 018 588

Roll up 28 drive wheel Hunter Douglas 31 mm
• Roll Up 28 drive wheel for Hunter Douglas 31 mm tube
• Includes screw & washer

Ref. 9 018 591

Accessories - Tubular applications

Sonesse® 28 WF

Roll up 28 drive wheel Mechoshade
• Roll Up 28 drive wheel for Mechoshade tube
• Includes screw & washer

Ref. 9 018 605

Roll up 28 drive wheel Silhouette ii
• Roll Up 28 drive wheel for Silhouette II tube
• Includes bracket adapter, screw & washer

Ref. 9 018 600

Roll up 28 drive wheel Creation Baumann 34 mm
• Roll Up 28 drive wheel for Creation Baumann 34 mm tube
• Includes screw & washer

Ref. 9 018 594

Roll up 28 drive wheel HD Vignette
• Roll Up 28 drive wheel for Hunter Douglas Vignette tube
• ncludes anti-rotation clip, screw & washer

Ref. 9 018 595

Roll up 28 drive wheel Hunter Douglas 37 mm
• Roll Up 28 drive wheel for Hunter Douglas 37 mm tube
• Includes screw & washer

Ref. 9 018 593

Roll up 28 drive wheel Rollease 1.5/38 mm
• Roll Up 28 drive wheel for Rollease 38 mm tube
• Includes screw & washer

Ref. 9 018 477

Roll up 28 drive wheel Shangri-La 38 mm
• Roll Up 28 drive wheel for Shangri-La 38 mm tube
• Includes screw & washer

Ref. 9 018 597

Roll up 28 drive wheel Louvolite 40 mm
• Roll Up 28 drive wheel for Louvolite 40 mm tube
• Includes motor plate, screw & washer

Ref. 9 018 598

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Wirefree Blind

Accessories – Tubular applications

Roll Up 28 WF / Altus™ 28 WF / Sonesse® 28

**Sonesse® 28 WF HD
Silhouette II crown
& drive**
• Sonesse® 28 WF crown and
  drive for Hunter Douglas
  Silhouette II tube
• Includes screw & washer

Ref. 9 028 16

**Sonesse® 28 WF
Louvolite 35 crown & drive**
• Sonesse® 28 WF crown and
  drive for Louvolite 35 mm
  tube
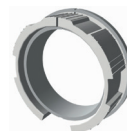• Includes screw & washe

Ref. 9 025 810

**Sonesse® 28 WF
Louvolite 45 crown & drive**
• Sonesse® 28 WF crown and
  drive for Louvolite 45 mm
  tube
• Includes screw & washer

Ref. 9 025 811

**Sonesse® 28 WF
HD 31 crown & drive**
• Sonesse 28 WF crown and
  drive for HD 31 mm tube
• Includes screw & washer

Ref. 9 025 812

**Sonesse® 28 WF
HD Vignette crown & drive**
• Sonesse® 28 WF crown and
  drive for Hunter Douglas
  Vignette tube
• Includes screw & washer

Ref. 9 025 813

**Sonesse® 28 WF
Rollease 32 crown & drive**
• Sonesse® 28 WF crown and
  drive for Rollease 32 mm tube
• Includes screw & washer

Ref. 9 025 815

somfy.

Accessories - Tubular applications

Tubes		Roll Up 24	Sonesse® 28 index A	Sonesse® 28 from index B Roll Up 28 Altus™ 28	Sonesse® 30 Sonesse® ULTRA 30
Acmeda SYS 45 Keyway				⭕	⭕
Acmeda SYS 45 Spline Heavy Duty				⭕	❌
Créations Baumann Ø34			⭕	⭕	❌
HD 31		⭕	⭕	⭕	❌
HD37			⭕	⭕	⭕
HD Silhouette II			⭕	⭕	❌
HD 50 (Quantam)				⭕	❌
HD Vignette			⭕	⭕	❌
Louvolite 32		⭕		❌	❌
Louvolite 35				⭕	❌
Louvolite 40			⭕	⭕	
Louvolite 45				⭕	
Mechoshade 1" 3/8			⭕		❌
Rollease 28 (11/8)		⭕		❌	❌
Rollease 32 (1" 1/4)		⭕	⭕	⭕	❌
Rollease 38 (1" 1/2)			⭕	⭕	⭕
Rollease 50 (2")				⭕	⭕
Shangri-La			⭕	⭕	❌
Shangri-La (new style)				⭕	❌
28mm round tube		⭕	⭕	⭕	❌
29mm round tube		⭕	⭕	⭕	❌

⭕ Compatible   ❌ Not compatible   - Not tested

somfy.

Wirefree Blind

Accessories - Headrail applications

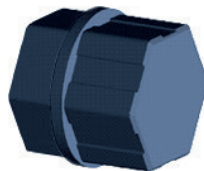### Tilt & Lift 25 WF Central
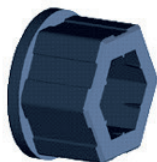
Shaft adaptor hexa.6 mm -black /1
- 6 mm Hexa. shaft adaptor
- Used only with MS (1pc), AMS (1pc)
- Color: Black

Ref. 9 163 252

Long shaft adaptor hexa6-black /10
- 6 mm Hexa. shaft adaptor
- Used for LV (1pc), LW (2pcs), CD25 (1pc)
- Color: Black

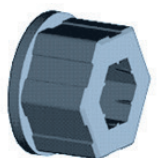Ref. 9 163 255

Shaft adaptor square 5mm -white /10
- 5 mm Square shaft adaptor
- Used only with MS (1pc), AMS (1pc)
- Color: Natural

Ref. 9 163 253
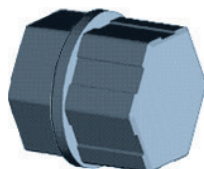
Long shaft adaptor square 5- white /10
- 5 mm Square shaft adaptor
- Used for LV (1pc), LW (2pcs), CD25 (1pc)
- Color: Natural

Ref. 9 163 256

Shaft adaptor hexa.5 mm -grey /10
- 5 mm Hexa. shaft adaptor
- Used only with MS (1pc), AMS (1pc)
- Color: Grey

Ref. 9 163 251

Long shaft adaptor hexa.5-grey /10
- 5 mm Hexa. shaft adaptor
- Used for LV (1pc), LW (2pcs), CD25 (1pc)
- Color: Grey

Ref. 9 163 254

Headrail adaptor Isodesign /10
- Headrail adaptor for LV, LW motors
- For Wo & Wo Iso design headrail
- Color: Black

Ref. 9 163 269

Headrail adaptor Warema/ Blocker /10
- Headrail adaptor for LV, LW motors
- For Warema/Blöcker headrail
- Color: Black

Ref. 9 163 328

Headrail adaptor Schon/Vossloh/10
- Headrail adaptor for LV, LW motors
- For Vossloh / HD New decor headrail
- Color: Black

Ref. 9 163 326

Headrail adaptor easy up /10
- Headrail adaptor for LV, LW motors
- For VersaRail/Graber Easy Up headrail
- Color: Black

Ref. 9 163 325

somfy

Accessories - Headrail applications

Tilt & Lift 25 WF Central

Headrail adaptor Verosol
- Headrail adaptor for LV, LW motors
- For Verosol pleated blind system
- Color: Black

Ref. 9 163 268

Headrail adaptor for wood blind
- Headrail adaptor for LV, LW motors
- For HD wood blind headrail
- Color: Black

Ref. 9 163 338

Headrail adaptor Schon HD pleated
- Headrail adaptor for LV, LW motors
- For Schön pleated headrail
- Color: Black

Ref. 9 163 333

Headrail adaptor Verosol/Basic /10
- Headrail adaptor for LV, LW motors
- For Verosol Classic headrail
- Color: Black

Ref. 9 163 327

Roman blind adaptor set
- Headrail adaptor for LV, LW motors
- For Roman Blind System
- Color: White

Ref. 9 162 281

Headrail adaptor Sani 31×31 /10
- Headrail adaptor for LV, LW motors
- For SANI 30×30 headrail

Ref. 9 163 321

Headrail adaptor Perma 29×29 mm/10
- Headrail adaptor for LV, LW motors
- For Perma 29×29 mm (Novolux) headrail
- Color: Black

Ref. 9 163 263

Headrail adaptor Perma 40×40 mm / 10
- Headrail adaptor for LV, LW motors
- For Perma 40×40 mm headrail
- Color: Grey

Ref. 9 163 267

Headrail adaptor light line
- Headrail adaptor for LV, LW motors
- For Light line headrail
- Color: Black

Ref. 9 163 334

Headrail adaptor Nichibei/Pellini /10
- Headrail adaptor for LV, LW motors
- For Pellini/Nichibei headrail
- Color: Black

Ref. 9 163 320

somfy

Wirefree Blind

Accessories - Headrail applications

Tilt & Lift 25 WF Central

Headrail adaptor 25×25 / 10
- Headrail adaptor for LV, LW motors
- For Holis/Warema/HD Basic 25×25 mm headrail
- Color: Black

Ref. 9 163 324

Headrail adaptor BIG
- Headrail adaptor for LV, LW motors
- For BIG + Blocker cosiflor
- Color: Black

Ref. 9 163 332

Headrail adaptor HD25 ultimate
- Headrail adaptor for LV, LW motors
- For HD Ultimate 25×25 mm headrail
- Color: Black

Ref. 9 163 260

Headrail adaptor MHZ
- Headrail adaptor for LV, LW motors
- For MHZ headrail
- Color: Black

Ref. 9 001 749

Headrail adaptor HD 40×36 mm Faber Midimatic/10
- Headrail adaptor for LV, LW motors
- For HD 40 x 36 mm & Faber Midimatic
- Color: Black

Ref. 9 163 265

Headrail adaptor Graber CS
- Headrail adaptor for LV, LW motors
- For Graber Classic Supreme
- Color: Black

Ref. 9 163 264

Headrail adaptor Faber Softline
- Headrail adaptor for LV, LW motors
- For Faber Softline headrail
- Color: Black

Ref. 9 163 262

Headrail adaptor Faber 26*26
- Headrail adaptor for LV, LW motors
- For Faber 26×26 headrail
- Color: Black

Ref. 9 163 335

Headrail adaptor Faber 25
- Headrail adaptor for LV, LW motors
- For Faber 25×25 mm headrail
- Color: Grey

Ref. 9 163 261

Headrail adaptor Easy Rise
- Headrail adaptor for LV, LW motors
- For Easy Rise headrail
- Color: Black

Ref. 9 163 331

Accessories – Headrail applications

Tilt & Lift 25 WF Central

Headrail adaptor
Valencia / 10
• Headrail adaptor for LV, LW motors
• For Turnils "Valencia" headrail
• Color: Black

Ref. 9 001 557

Acmeda headrail adaptor
• Headrail adaptor for LV, LW motors
• For Acmeda headrail

Ref. 9 000 941

Wirefree Blind

Wirefree Power Sources

Chargers for WireFree™ Li-ion V1 motors

Sonesse® 30 charger USA

Ref. 9 020 672

Sonesse® 30 charger ASIA/ EU

Ref. 9 020 810

Sonesse® 30 charger AUS

Ref. 9 020 811

Sonesse® 30 charger UK

Ref. 9 020 812

Sonesse® 30 charger ext. cable 2.4 m

Ref. 9 020 673

Wirefree Power Sources

Chargers for WireFree™ Li-ion V2 motors and External Li-ion Battery pack

Li-ion charger plug UK.

Ref. 9 021 027

Li-ion charger plug
ASIA / EU

Ref. 9 021 028

Li-ion charger plug USA

Ref. 9 025 166

Li-ion charger plug AUS

Ref. 9 021 165

240 cm ext. cable for Li-ion

Ref. 9 021 016

20 cm ext. cable for Li-ion

Ref. 9 021 131

somfy.

Wirefree Blind

Wirefree Power Sources

Power sources for WireFree™ motors with external batteries

**12 V AC/DC
power supply
(110-240 VAC)**
• 110-240 V AC / 12 V DC unit
• Power supply for Wirefree
  motors
• Plugs included: US - UK -
  EU - AUSTRALIA

Ref. 1 822 445

**External Li-ion
battery pack**
• Compatible with WF Li-ion
  solar panel

Ref. 9 021 217

25 cm extension cable
• 25 cm extension cable to
  connect Wirefree motors to
  External Li-ion battery pack

Ref. 9 018 623

120 cm extension cable
• 120 cm extension cable to
  connect Wirefree motors to
  External Li-ion battery pack

Ref. 9 016 736

240 cm extension cable
• 240 cm extension cable to
  connect Wirefree motors to
  External Li-ion battery pack

Ref. 9 018 624

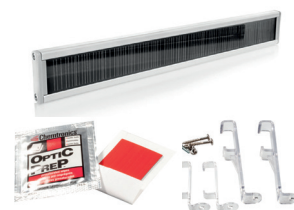**Adhesive tape & alcohol
swab for solar pack**
• Adhesive tape & alcohol swab
  for solar panel

Ref. 9 018 115

**Solar panel
mounting brackets**
• Solar panel mounting brackets

Ref. 9 015 897

WF Li-ion solar panel
• Compatible with Li-ion
  batteries only
• Includes brackets, adhesive
  tape & alcohol swab

Ref. 9 025 293

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Wired Curtain

somfy.

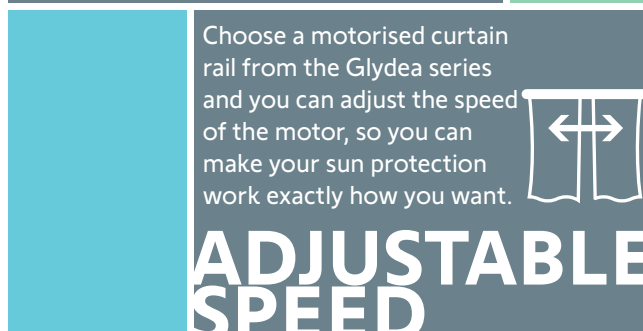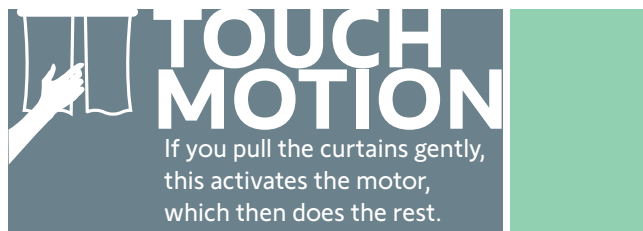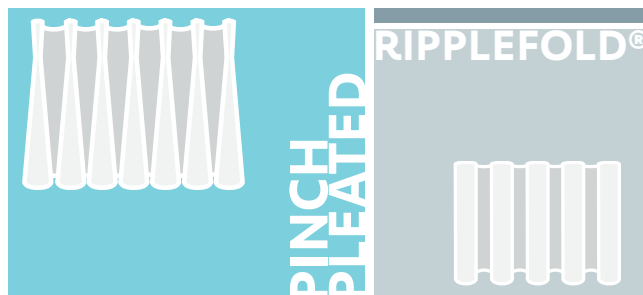> "**Automation for different types of curtains**"

To protect and extend the life of curtains, Somfy has developed efficient high-precision motors. The Somfy curtain motor and track can be easily integrated with all types of curtains (traditional, wave or pleat, with or without blackout). In perfect harmony with your interior. The motor is concealed almost invisibly behind the curtain. With Somfy solutions, your curtains will always be perfectly aligned to create an elegant ambiance for your clients.

Glydea™ ULTRA is the pinnacle of Somfy's wired curtain motor range. It is packed with innovations that provide an acoustic performance of less than 38dBA...one of the quietest motorisation solutions in the market. This exceptional achievement absorbs the noise and vibration within the motor and across the entire system. It is the premium solution for residential and commercial projects.

PINCH PLEATED

RIPPLEFOLD®

TOUCH MOTION
If you pull the curtains gently, this activates the motor, which then does the rest.

Choose a motorised curtain rail from the Glydea series and you can adjust the speed of the motor, so you can make your sun protection work exactly how you want.

ADJUSTABLE SPEED

WIRED TECHNOLOGY

Wired Technology
Offers control via power switching.

R T S
Radio Technology Somfy®

Radio Technology Somfy
Compatible with Radio Technology Somfy® (RTS) handheld remotes, a smartphone/tablet app, wireless wall switches, tabletop controls, sensors, timers, and third party automation systems.

Somfy Digital Network RS485

Somfy Digital Network
Compatible with home automation systems.

animeo® IP
Compatible with automated total solar management solutions for an individual room or large commercial buildings.

DRY CONTACT

DRY CONTACT
Offers control via DC low voltage

Somfy
DESIGNED FOR
SILENCE

Choose the Somfy "**Designed for Silence**" label

- Choose a motor that guarantees an industry leading level of acoustic comfort.
- Offer a quiet solution for motorised shades every time.
- Conquer new interior applications with added value.

somfy.

Traversing capacity

Motor load capacity according to track opening, shape and length.

In the charts below we give the maximum weight of curtain in Kg, which has to be motorised by different curtain motor versions according to the different track configurations and lengths of the track.

When calculating the weight of the curtain, the fullness ratio of the curtain has to be taken into account:

Weight of the curtain = fabric weight/m² x curtain covered area x fullness ratio

The traversing capacity is given for an installation with no extra friction created by the fabric curtain touching the rail or the track pelmet.

Bending radius minimum 300mm

90°

R = 300mm

Due to the bending process, 285mm of the rail is still straight on both sides of the curve or the arc shape.

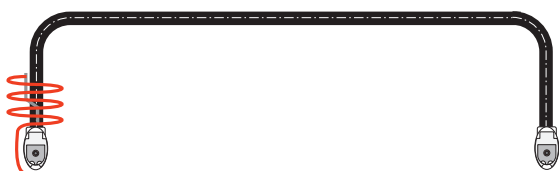## Arc radius minimum 3000mm
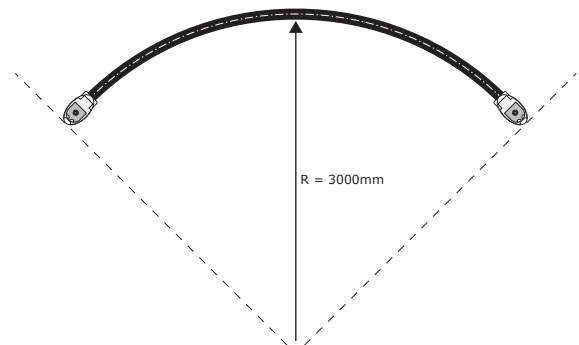
R = 3000mm

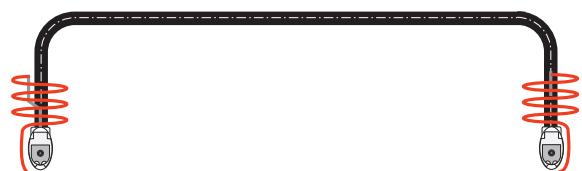## Track Type : One way

R = 300 mm
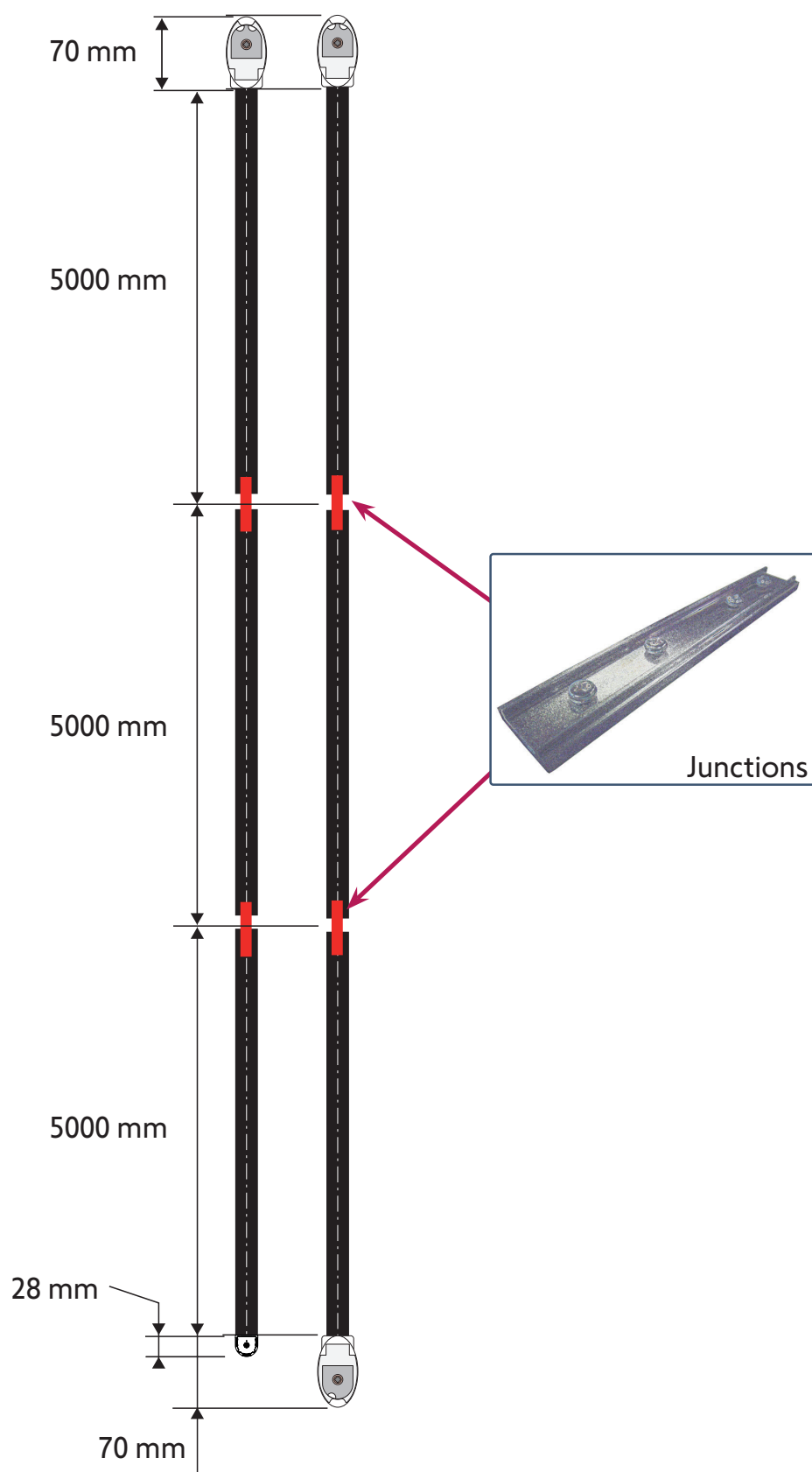
R = 300 mm

R = 3000 mm

Track Type : Two way

R = 300 mm

R = 300 mm

R = 3000 mm

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Traversing capacity

70 mm

5000 mm

5000 mm

Junctions

5000 mm

28 mm

70 mm

somfy.
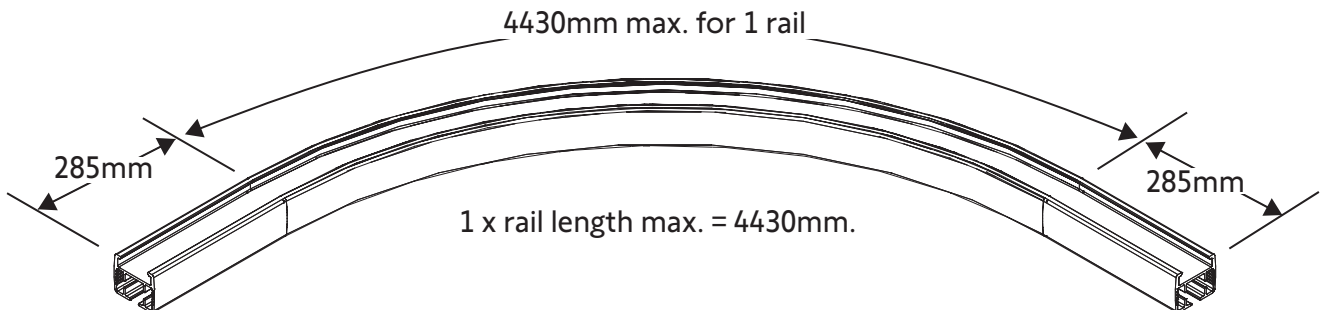
Bending measurement guide

For bending or curving tracks length and radius limitation, please refer to the specific datasheet.

4430mm max. for 1 rail

285mm

285mm

1 x rail length max. = 4430mm.

Radius limitation:
Bend: 300mm ≤ R < 3000mm
Curve: R ≥ 3000mm (max. length in one part 4430mm, in two parts 8860mm)

Due to the bending process, 285mm of the rail is still straight on both sides of the curve

Our logistics department is able to provide customised bent and curved tracks.

Only under the following specifications:

- Minimum radius possible: 300 mm
- Bending angle between: 0° to 180°
- Shape available: Bend 300 mm ≤ R < 3000 mm.
                                          Curve R ≥ 3000mm
                                          (max. length in one part 4430mm, in two parts 8860mm).

Bent one radius

Arc one radius

Bent two radius

Arc two radius

⚠ Not available shape from Somfy Logistic.

Bent opposite radius

Arc more than 2 radius

somfy.

Wired Curtain

Bending measurement guide

How to measure a bent or curved track for Somfy curtain motors?

- For each alternation of straight and curved part we allocate a segment.
- For straight part, the length is in mm.
- For curved part, the radius is in mm + the angle is in degrees.

Segment 3 = 2000 mm

Segment 2 = Angle 61°

Segment 1 = 650 mm

Radius = 450mm
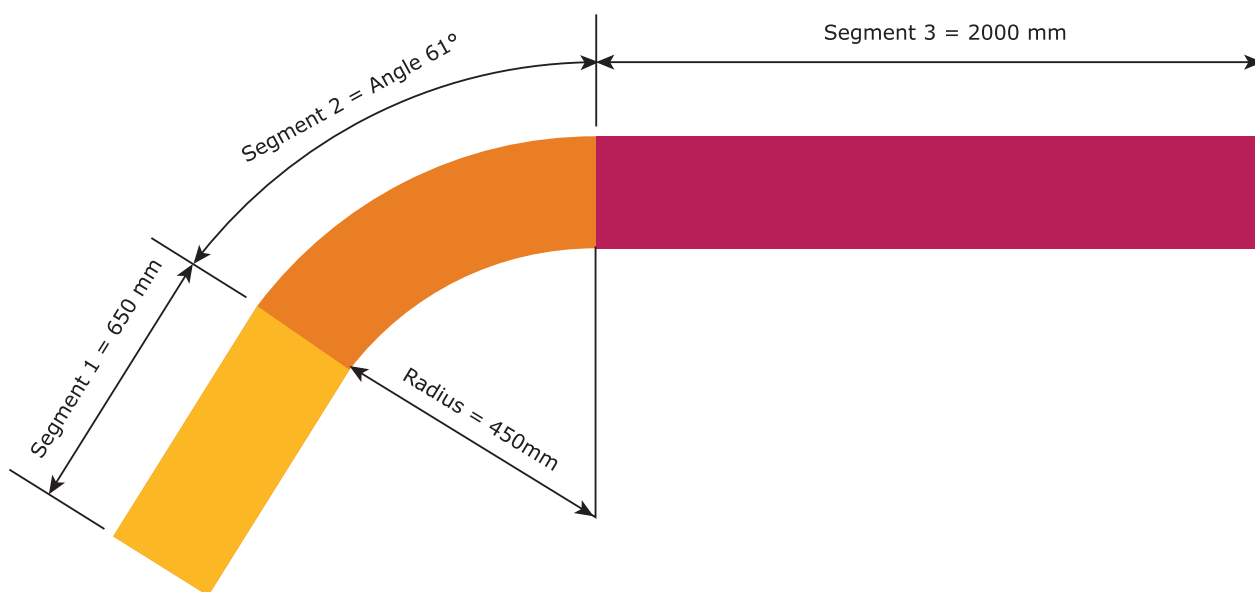
Segment	Length (mm)	or	Radius (mm)	and	Angle (degrees)
1	600	or	--	and	--
2	--	or	450	and	61
3	2000	or	--	and	--

somfy.

Somfy curtain motor selection charts

Track types:

A

B

C

D

E

F

G

H
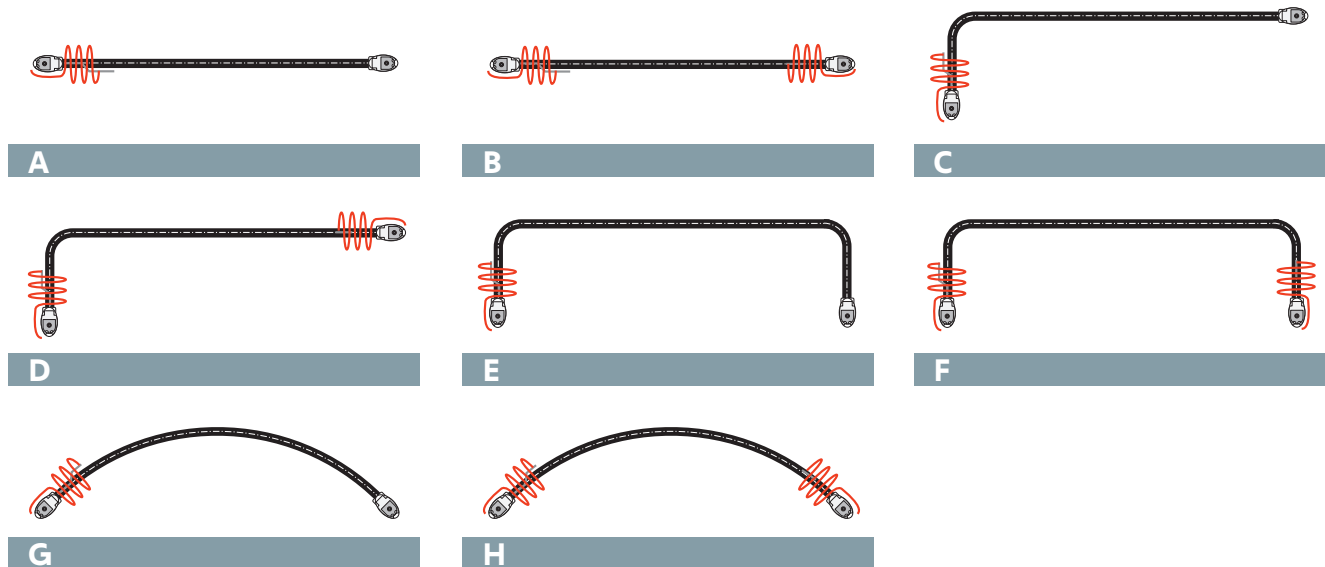
CURTAIN MOTORS SELECTION CHARTS												
Track type	Motor range 35			Motor range Irismo WireFree 45			Motor range 60			Motor range 60 tandem		
	3m	6m	10m	3m	6m	10m	6m	10m	12m	6m	10m	15m
A	35	35	35	45	45	45	60	60	55	100	100	100
B	35	35	35	45	45	45	60	60	55	100	100	100
C	35	25	20	45	45	35	45	45	35	100	80	80
D	35	25	20	45	45	35	45	45	35	100	80	80
E	15	10	--	35	30	20	35	25	--	70	70	56
F	15	10	--	35	30	20	35	25	--	70	70	56
G	35	15	--	35	20	--	35	8m 25	--	70	8m 56	--
H	30	10	--	30	20	--	30	8m 20	--	70	8m 56	--

⚠️
- Maximum load per runner: 1.5Kg.
- Maximum distance between runners: 100mm.
- The traversing capacity is given for an installation with no extra friction created by the fabric curtain touching the rail or the track pelmet.
- Do not use non Somfy track hardware.
- Tracks must be installed horizontally.

somfy.

Wired Curtain

Glydea™ ULTRA 35e WT

WIRED TECHNOLOGY

Somfy ✚

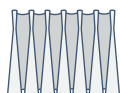Ultra quiet and adaptable features on Glydea range

Recommended to use with Ultra quiet accessories

Glydea™ motor with 35Kg capacity for up to 10m straight track. AC switching control capability, equipped with a 1.5m four-wire EU cable.

Gold   Silver   **Somfy** DESIGNED FOR **SILENCE**

Compatible end-products

Classic curtain   **Pinch pleated**   **Ripple fold**   **Accordion fold**

Main functionalities

Designed for silence

BACK **RELEASE**

MANUAL **OPERATION**
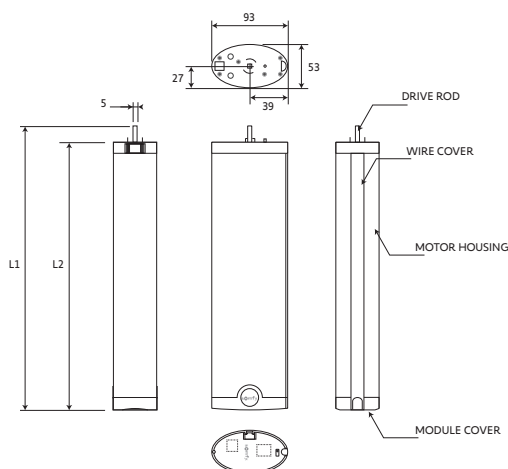
Back release Relax the fabric.

Manual operation possible in case of power failure

Adjustable speed Up to 20 cm/s.

Dimensions and Wiring

Motor length (L1)	348 mm
Motor length (L2)	328 mm

93
53
27
39
5

L1   L2

DRIVE ROD
WIRE COVER
MOTOR HOUSING
MODULE COVER

90-255 V

Blue = Neutral
Brown = Active 1
Black = Active 2
Gree/Yellown = Earth

somfy.

Glydea™ ULTRA 35e WT

WIRED TECHNOLOGY

Technical features

Working temperature	0°C to +60°C 85%HR at +35°C (+32°F to +140°F 85%HR at +95°F)
Storage temperature	-30°C to +80°C 85%HR at +35°C (-22°F to +176°F 85%HR at +95°F)
Type of limit	Limits on hard stops
Index protection rating	IP 30
Approx. net weight of the motor	1340 g
Voltage range	90 to 255 Vac
Frequency range	47 to 63 Hz
Maximum current	0.8 at 120VAC, 0.4 at 240Vac
Number of power cable wire	4
Insulation class	Class I
Maximum running time	2min 30s

Performances

Curtain maximum weight	35 Kg
Track maximum length	10 m
Nominal torque	0.6 Nm
Speed	20/17.5/15/12.5/7.5 (silent mode) cm/s
Noise level	45.2 / 43.4 / 37.3 / 39.7 / 29.8 dB (A)
Control method	AC switch

Certifications

somfy

Wired Curtain

Glydea™ ULTRA 35e DCT

DRY CONTACT

Somfy ✚

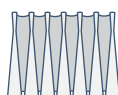Ultra quiet and adaptable features on Glydea range

Recommended to use with
+ Ultra quiet accessories

Glydea™ motor with 35Kg capacity for a 6m two-way straight track. Dry contact control capability, equipped with a 1.5m three-wire EU cable.
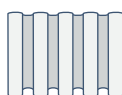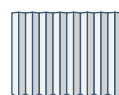
Gold   Silver   Somfy DESIGNED FOR SILENCE

Compatible end-products

Classic curtain   **Pinch pleated**   **Ripple fold**   **Accordion fold**

Main functionalities

Designed for silence

Touch Motion
Open and close the curtain simply by pulling on the fabric.

BACK RELEASE
Back release
Relax the fabric.

MODULE COMPATIBILITY
Module Compatibility

MANUAL OPERATION
Manual operation possible in case of power failure

Adjustable speed
Up to 20 cm/s.

Soft start and Soft stop

Dimensions and Wiring

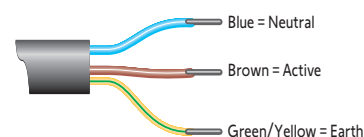| Motor length (L1)	348 mm
Motor length (L2)	328 mm

93
27   53
39
5

L1   L2

DRIVE ROD
WIRE COVER
MOTOR HOUSING
MODULE COVER

Main 90 to 255 VAC 47 to 63 Hz

RJ12 wiring

(6) CW-CLOSE
(5) STOP
(4) +5V
(3) GROUND - COMMON
(2) IR OUT
(1) CCW - OPEN

90-255 V

Blue = Neutral
Brown = Active
Green/Yellow = Earth

somfy.

Glydea™ ULTRA 35e DCT

DRY CONTACT

Technical features	
Working temperature	0°C to +60°C 85%HR at +35°C (+32°F to +140°F 85%HR at +95°F)
Storage temperature	-30°C to +80°C 85%HR at +35°C (-22°F to +176°F 85%HR at +95°F)
Type of limit	Adjustable limits
Index protection rating	IP 30
Approx. net weight of the motor	1320 g
Voltage range	90 to 255 Vac
Frequency range	47 to 63 Hz
Maximum current	0.8 at 120VAC, 0.4 at 240Vac
Number of power cable wire	3
Insulation class	Class I
Maximum running time	2min 30s

Performances	
Curtain maximum weight	35 Kg
Track maximum length	10 m
Nominal torque	0.6 Nm
Speed	20/17.5/15/12.5/7.5 (silent mode) cm/s
Noise level	45.2 / 43.4 / 37.3 / 39.7 / 29.8 dB (A)
Control method	2 or 3 normal open Dry Contact

Certifications

somfy.

Wired Curtain

Glydea™ ULTRA 35e RTS

RTS Radio Technology Somfy®

Somfy ✚

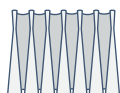Ultra quiet and adaptable features on Glydea range

Recommended to use with
Ultra quiet accessories

Glydea™ motor with 35Kg capacity for up to 10m straight track. Radio control capability, equipped with a 1.5m three-wire EU cable + RTS receiver.

Gold Silver Somfy DESIGNED FOR SILENCE

Compatible end-products

Classic curtain

Pinch pleated

Ripple fold

Accordion fold

Main functionalities

Designed for silence

Touch Motion
Open and close the curtain simply by pulling on the fabric.

BACK RELEASE
Back release
Relax the fabric.

MODULE COMPATIBILITY
Module Compatibility

MANUAL OPERATION
Manual operation possible in case of power failure

Adjustable speed
Up to 20 cm/s.
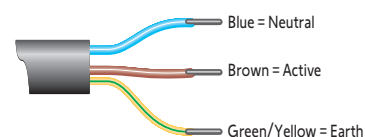
Soft start and Soft stop

Dimensions and Wiring

Motor length (L1)	348 mm
Motor length (L2)	328 mm

93
27 53
39
5

L1 L2

DRIVE ROD
WIRE COVER
MOTOR HOUSING
MODULE COVER

Main 90 to 255 VAC 47 to 63 Hz

(6) CW-CLOSE
(5) STOP
(4) +5V
(3) GROUND - COMMON
(2) IR OUT
(1) CCW - OPEN

RJ12 wiring

90-255 V

Blue = Neutral
Brown = Active
Green/Yellow = Earth

somfy®

Glydea™ ULTRA 35e RTS

Technical features

Working temperature	0°C to +60°C 85%HR at +35°C (+32°F to +140°F 85%HR at +95°F)
Storage temperature	-30°C to +80°C 85%HR at +35°C (-22°F to +176°F 85%HR at +95°F)
Type of limit	Adjustable limits
Index protection rating	IP 30
Approx. net weight of the motor	1320 g
Voltage range	90 to 255 Vac
Frequency range	47 to 63 Hz
Maximum current	0.8 at 120VAC, 0.4 at 240Vac
Number of power cable wire	3
Insulation class	Class I
Maximum running time	2min 30s
Antenna	Integrated

Performances

Curtain maximum weight	35 Kg
Track maximum length	10 m
Nominal torque	0.6 Nm
Speed	20/17.5/15/12.5/7.5 (silent mode) cm/s
Noise level	45.2 / 43.4 / 37.3 / 39.7 / 29.8 dB (A)
Control method	2 or 3 normal open Dry Contact
Radio protocol	Somfy RTS protocol
Radio frequency	433MHz, 426MHz, 447MHz
Radio range	200m in open field
Number of RTS transmitter	12 maximum

Certifications

Wired Curtain

Glydea™ ULTRA 60e WT

WIRED TECHNOLOGY

Somfy ✚

Ultra quiet and adaptable features on Glydea range
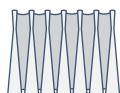
Recommended to use with Ultra quiet accessories

Glydea™ motor with 60Kg capacity for up to 12m straight track. AC switching control capability, equipped with a 1.5m four-wire EU cable.

Gold   Silver   Somfy DESIGNED FOR SILENCE

Compatible end-products

Classic curtain   Pinch pleated   Ripple fold   Accordion fold

Main functionalities

Designed for silence

BACK **RELEASE**
Back release
Relax the fabric.

MANUAL **OPERATION**
Manual operation possible in case of power failure

Adjustable speed
Up to 20 cm/s.

Dimensions and Wiring

Motor length (L1)	348 mm
Motor length (L2)	328 mm

93
27   53
39
5
L1   L2

DRIVE ROD
WIRE COVER
MOTOR HOUSING
MODULE COVER

90-255 V

Blue = Neutral
Brown = Active 1
Black = Active 2
Gree/Yellow = Earth

somfy.

Glydea™ ULTRA 60e WT

WIRED TECHNOLOGY

Technical features

Working temperature	0°C to +60°C 85%HR at +35°C (+32°F to +140°F 85%HR at +95°F)
Storage temperature	-30°C to +80°C 85%HR at +35°C (-22°F to +176°F 85%HR at +95°F)
Type of limit	Limits on hard stops
Index protection rating	IP 30
Approx. net weight of the motor	1340 g
Voltage range	90 to 255 Vac
Frequency range	47 to 63 Hz
Maximum current	0.8 at 120VAC, 0.4 at 240Vac
Number of power cable wire	4
Insulation class	Class I
Maximum running time	2min 30s

Performances

Curtain maximum weight	60 Kg
Track maximum length	12 m
Nominal torque	1.0 Nm
Speed	20/17.5/15/12.5/7.5 (silent mode) cm/s
Noise level	45.2 / 43.4 / 37.3 / 39.7 / 29.8 dB (A)
Control method	AC switch

Certifications

CE   CCC   SASO   EHC   (Australian mark)   KC

somfy.

Wired Curtain

Glydea™ ULTRA 60e DCT

DRY CONTACT

Somfy ✚

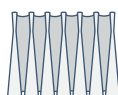Ultra quiet and adaptable features on Glydea range

Recommended to use with Ultra quiet accessories

Glydea™ motor with 60Kg capacity for up to 12m straight track. Dry contact control capability, equipped with a 1.5m three-wire EU cable.
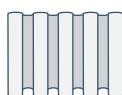
Gold

Silver

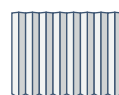Somfy DESIGNED FOR SILENCE

Compatible end-products

Classic curtain

Pinch pleated

Ripple fold

Accordion fold

Main functionalities

Designed for silence

Touch Motion
Open and close the curtain simply by pulling on the fabric.

BACK RELEASE
Back release
Relax the fabric.

MODULE COMPATIBILITY
Module Compatibility

MANUAL OPERATION
Manual operation possible in case of power failure

Adjustable speed
Up to 20 cm/s.
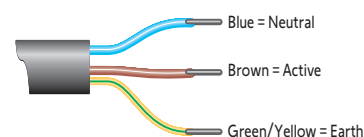
Soft start and Soft stop

Dimensions and Wiring

Motor length (L1)	348 mm
Motor length (L2)	328 mm

93

27   53

39

5

DRIVE ROD

WIRE COVER

L1   L2

MOTOR HOUSING

MODULE COVER

Main 90 to 255 VAC 47 to 63 Hz

(6) CW-CLOSE
(5) STOP
(4) +5V
(3) GROUND - COMMON
(2) IR OUT
(1) CCW - OPEN

RJ12 wiring

90-255 V

Blue = Neutral

Brown = Active

Green/Yellow = Earth

somfy®

Glydea™ ULTRA 60e DCT

DRY CONTACT

Technical features	
Working temperature	0°C to +60°C 85%HR at +35°C (+32°F to +140°F 85%HR at +95°F)
Storage temperature	-30°C to +80°C 85%HR at +35°C (-22°F to +176°F 85%HR at +95°F)
Type of limit	Adjustable limits
Index protection rating	IP 30
Approx. net weight of the motor	1320 g
Voltage range	90 to 255 Vac
Frequency range	47 to 63 Hz
Maximum current	0.8 at 120VAC, 0.4 at 240Vac
Number of power cable wire	3
Insulation class	Class I
Maximum running time	2min 30s

Performances	
Curtain maximum weight	60 Kg
Track maximum length	12 m
Nominal torque	1.0 Nm
Speed	20/17.5/15/12.5/7.5 (silent mode) cm/s
Noise level	45.2 / 43.4 / 37.3 / 39.7 / 29.8 dB (A)
Control method	2 or 3 normal open Dry Contact

Certifications

somfy.

Wired Curtain

Glydea™ ULTRA 60e RTS

RTS
Radio Technology Somfy®

Somfy ✚

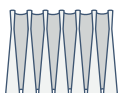Ultra quiet and adaptable features on Glydea range

Recommended to use with
Ultra quiet accessories

Glydea™ motor with 60Kg capacity for up to 12m straight track. Radio Control capability, equipped with a 1.5m three-wire EU cable + RTS receiver.

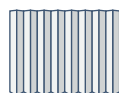**Gold** **Silver** **Somfy** DESIGNED FOR SILENCE

Compatible end-products

Classic curtain   **Pinch pleated**   **Ripple fold**   **Accordion fold**

Main functionalities

Designed for silence

Touch Motion
Open and close the curtain simply by pulling on the fabric.

Back release
Relax the fabric.

Module Compatibility

Manual operation possible in case of power failure

Adjustable speed
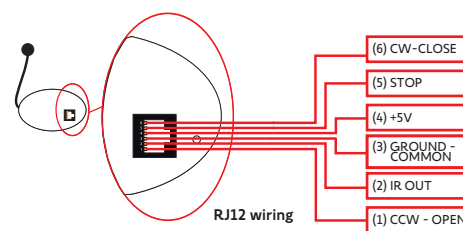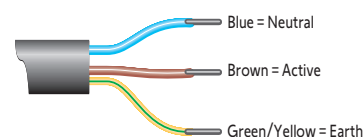Up to 20 cm/s.

Soft start and Soft stop

Dimensions and Wiring

Motor length (L1)	348 mm
Motor length (L2)	328 mm

93
27 53
39
5

L1 L2

DRIVE ROD
WIRE COVER
MOTOR HOUSING
MODULE COVER

Main 90 to 255 VAC 47 to 63 Hz

(6) CW-CLOSE
(5) STOP
(4) +5V
(3) GROUND - COMMON
(2) IR OUT
(1) CCW - OPEN

RJ12 wiring

90-255 V

Blue = Neutral
Brown = Active
Green/Yellow = Earth

somfy.

Glydea™ ULTRA 60e RTS

Technical features

Working temperature	0°C to +60°C 85%HR at +35°C (+32°F to +140°F 85%HR at +95°F)
Storage temperature	-30°C to +80°C 85%HR at +35°C (-22°F to +176°F 85%HR at +95°F)
Type of limit	Adjustable limits
Index protection rating	IP 30
Approx. net weight of the motor	1320 g
Voltage range	90 to 255 Vac
Frequency range	47 to 63 Hz
Maximum current	0.8 at 120VAC, 0.4 at 240Vac
Number of power cable wire	3
Insulation class	Class I
Maximum running time	2min 30s
Antenna	Integrated

Performances

Curtain maximum weight	60 Kg
Track maximum length	12 m
Nominal torque	1.0 Nm
Speed	20/17.5/15/12.5/7.5 (silent mode) cm/s
Noise level	45.2 / 43.4 / 37.3 / 39.7 / 29.8 dB (A)
Control method	2 or 3 normal open Dry Contact
Radio protocol	Somfy RTS protocol
Radio frequency	433MHz, 426MHz, 447MHz
Radio range	200m in open field
Number of RTS transmitter	12 maximum

Certifications

somfy.

Wired Curtain

Movelite™ 35 WT

WIRED TECHNOLOGY

Somfy ✚

Movelite™ 35 WT motor with 35kg capacity for a 10m two-way straight track.

White	Grey

Compatible end-products
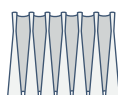
Classic curtain **Pinch pleated** **Ripple fold** **Accordion fold**
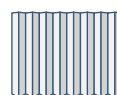
Main functionalities

MANUAL OPERATION

Manual operation possible in case of power failure

Automatic end limits

Dimensions and Wiring

Motor length (L1)	283 mm
Motor length (L2)	263 mm
Motor length (L3)	93 mm
Motor length (L4)	53 mm

L1 L2 L3 39 L4 26,5 5

90-255 V

Blue = Neutral
Brown = Active 1
Black = Active 2
Gree/Yellow = Earth

somfy

Movelite™ 35 WT

Technical features

Working temperature	0°C to +60°C 85%HR at 35°C (+32°F to +140°F 85%HR at 95°F)
Storage temperature	-30°C to +80°C 85%HR at 35°C (-22°F to +176°F 85%HR at 95°F)
Type of limit	Limits on hard stops
Index protection rating	IP 30
Approx. net weight of the motor	1120 g
Voltage range	90 to 264 Vac
Frequency range	47 to 63 Hz
Maximum current	0.6A at 120VAC ; 0.3A at 240VAC
Number of power cable wire	4
Insulation class	Class I
Maximum running time	2min 30s

Performances

Curtain maximum weight	35 Kg
Track maximum length	10 m
Nominal torque	0.6 Nm
Speed	15 cm/s
Noise level	40.6 dB (A)
Control method	AC switch

Certifications

somfy.

Wired Curtain

Movelite™ 35 DCT

DRY CONTACT

Somfy ✚

Movelite™ 35 DCT motor with 35Kg capacity for a 10m two-way straight track.

White | Grey

Compatible end-products

Classic curtain | Pinch pleated | Ripple fold | Accordion fold

Main functionalities

Touch Motion
Open and close the curtain simply by pulling on the fabric.

Manual operation possible in case of power failure

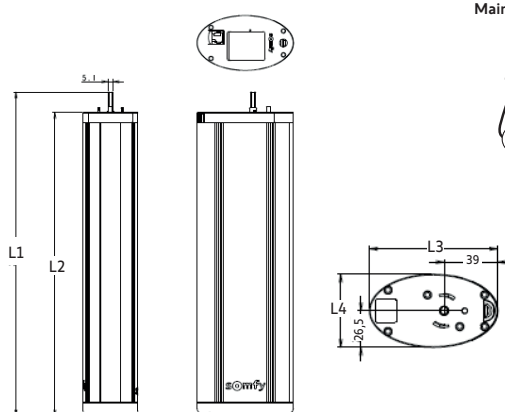**"my" favorite**
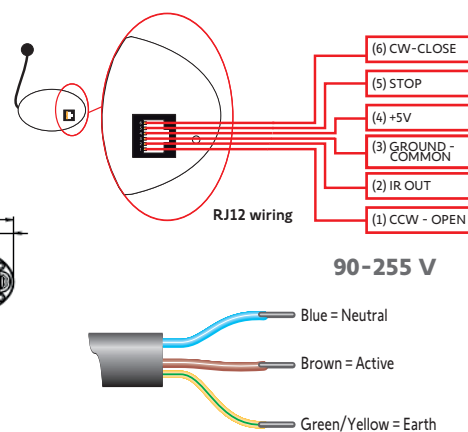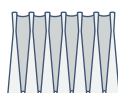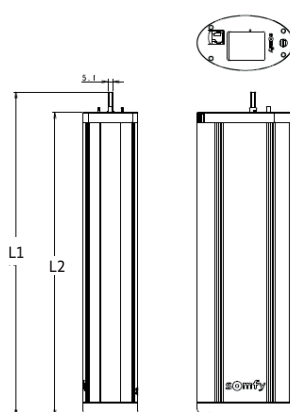Move in one click your blind in your favorite position.
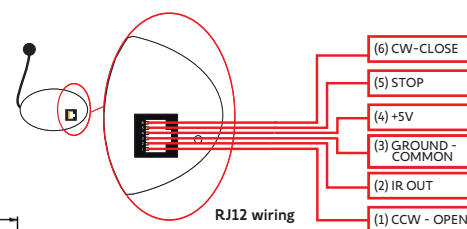
Automatic end limits
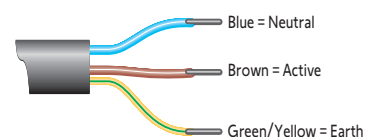
Adjustable end limits

Dimensions and Wiring

Motor length (L1)	283 mm
Motor length (L2)	263 mm
Motor length (L3)	93 mm
Motor length (L4)	53 mm

Main 90 to 255 VAC 47 to 63 Hz

(6) CW-CLOSE
(5) STOP
(4) +5V
(3) GROUND - COMMON
(2) IR OUT
(1) CCW - OPEN

RJ12 wiring

90-255 V

Blue = Neutral
Brown = Active
Green/Yellow = Earth

somfy

Movelite™ 35 DCT

DRY CONTACT

Technical features	
Working temperature	0°C to +60°C 85%HR at 35°C (+32°F to +140°F 85%HR at 95°F)
Storage temperature	-30°C to +80°C 85%HR at 35°C (-22°F to +176°F 85%HR at 95°F)
Type of limit	Adjustable limits
Index protection rating	IP 30
Approx. net weight of the motor	1000 g
Voltage range	90 to 264 Vac
Frequency range	47 to 63 Hz
Maximum current	0.6A at 120VAC ; 0.3A at 240VAC
Number of power cable wire	3
Insulation class	Class I
Maximum running time	2min 30s

Performances	
Curtain maximum weight	35 Kg
Track maximum length	10 m
Nominal torque	0.6 Nm
Speed	15 cm/s
Noise level	40.6 dB (A)
Control method	2 or 3 normal open Dry Contact

Certifications

somfy.

Wired Curtain

Movelite™ 35 RTS

R T S Radio Technology Somfy®

Somfy ✚

Movelite™ 35 RTS motor with 35Kg capacity for a 10m two-way straight track.

White | Grey

Compatible end-products

Classic curtain   **Pinch pleated**   **Ripple fold**   **Accordion fold**

Main functionalities

Touch Motion
Open and close the curtain simply by pulling on the fabric.

Manual operation possible in case of power failure

"my" favorite
Move in one click your blind in your favorite position.

Automatic end limits

Adjustable end limits

Dimensions and Wiring

Motor length (L1)	283 mm
Motor length (L2)	263 mm
Motor length (L3)	93 mm
Motor length (L4)	53 mm

Main 90 to 255 VAC 47 to 63 Hz

L1 L2

L3 39
L4 26,5

(6) CW-CLOSE
(5) STOP
(4) +5V
(3) GROUND - COMMON
(2) IR OUT
(1) CCW - OPEN

RJ12 wiring

90-255 V

Blue = Neutral
Brown = Active
Green/Yellow = Earth

somfy®

Movelite™ 35 RTS

Technical features

Working temperature	0°C to +60°C 85%HR at 35°C (+32°F to +140°F 85%HR at 95°F)
Storage temperature	-30°C to +80°C 85%HR at 35°C (-22°F to +176°F 85%HR at 95°F)
Type of limit	Adjustable limits
Index protection rating	IP 30
Approx. net weight of the motor	1100 g
Voltage range	90 to 264 Vac
Frequency range	47 to 63 Hz
Maximum current	0.6A at 120VAC ; 0.3A at 240VAC
Number of power cable wire	3
Insulation class	Class I
Maximum running time	2min 30s
Antenna	Integrated

Performances

Curtain maximum weight	35 Kg
Track maximum length	10 m
Nominal torque	0.6 Nm
Speed	15 cm/s
Noise level	40.6 dB (A)
Control method	2 or 3 normal open Dry Contact
Radio protocol	Somfy RTS protocol
Radio frequency	433MHz, 426MHz, 447MHz
Radio range	200m in open field
Number of RTS transmitter	12 maximum

Certifications

somfy.

Wired Curtain

Glydea™ ULTRA RS485 module

Somfy ✚

Enable Glydea™ Ultra connect to smart building solution through RS485 network.
Feature bi-directional communication for control and status update

Compatible end-products

Classic curtain

Main functionalities

B$_i$ DIRECTIONAL	RS485 NETWORKS
Bi-Directional Communication	Connectable to RS485 networks

Dimensions and Wiring

Motor length (L1)	312 mm
Motor length (L2)	293 mm

RJ45 connects to network

1 + RS 485	8 GND
2 - RS 485	7 Not Connected
3 Not Connected	6 Not Connected
4 Not Connected * Power Out **	5 Not Connected

somfy.
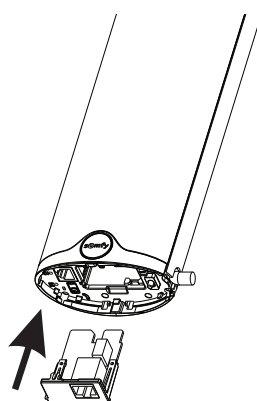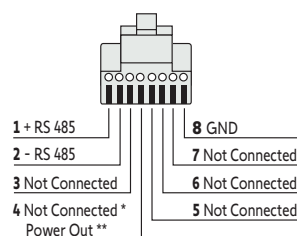
Glydea™ ULTRA RS485 module

Technical features	
Temperatre working range	0°C to 60°C
Weight	15.87 g
Technology	RS485
Transmission mode	Half-duplex
Common mode voltage range on the RS485 bus	-7 to +12V
RS485 connector	RJ45

Certifications
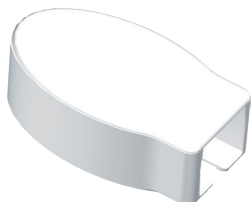
CE EAC

somfy.

Wired Curtain

Track & accessories

Universal accessories

Pulley GA
- Pulley assembly to put opposite the motor side.
- Color: White.
- Does not come with hooks.
- Unit weight: 82g

Ref. 1 780 897

Drive pulley GA
- Pulley assembly to use on the motor side.
- Color: White.
- Does not come with hooks.
- Unit weight: 73g

Ref. 1 780 945

Small Pulley GA
- Small Pulley assembly to put opposite the motor side.
- Color: White.
- Does not come with hooks.

Ref. 1 782 318

Rail 16ft by 6 GA ALC
- 16ft long track aluminium profile.
- Color: White.
- Delivered in a box with 6 rails.

Ref. 9 019 463

Rail 5m by 4 GA
- 5m long track aluminium profile.
- Color: White.
- Delivered in a box with 4 rails.

Ref. 1 781 379

Non painted Rail 5.8m by 4 GA
- Must be painted before used, (painted guideline to be followed).
- 5m long track aluminium profile.
- Color: White.
- Delivered in a box with 4 rails.
- Only ship by truck & boat.
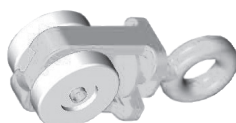
Ref. 1 782 562

Rotating eye runner GA
- Runner mounted on wheels with rotating eyelet.
- Can not be used with ripple fold.
- Width: 14mm / Max load: 1.5Kg
- Qty: typical 10 per meter.
- Color: White.
- Unit weight: 3.2g

Ref. 1 780 892

somfy

Track & accessories
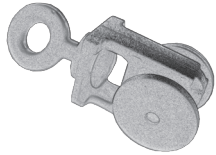
Hight performance rotating eye runner
- Runner mounted on wheels with rotating eylet.
- Cannot be used with cannot ripple fold.
- Wheel shape make it quieter.
- Qty: typical 10 per meter.
- Color: White.
- Unit weight: 3.2g
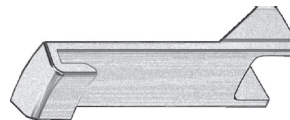
Ref. 1 781 415

Motor hook White GA
- Plastic hook to hang the curtain on the pulleys.
- Quantity needed is minimum 1 for one-way tracks & 2 for two-way tracks.
- More might be needed.
- Color: White.
- Unit weight: 2.3g
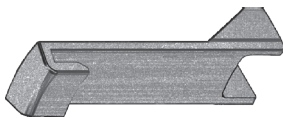
Ref. 1 780 895

Motor hook Grey GA
- Plastic hook to hang the curtain on the pulleys.
- Quantity needed is minimum 1 for one-way tracks & 2 for two-way tracks.
- More might be needed.
- Color: Grey.
- Unit weight: 2.3g

Ref. 1 782 645
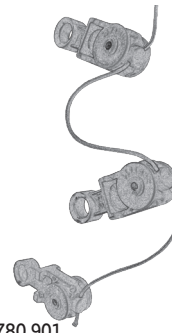
Ripple runner 1 7/8 GA
- Runner mounted on wheels for 120% fullness ripple curtains.
- Supplied in a roll of 500 runners.
- Cord already snapped on the runner body.
- 500 snap pendants supplied in a different bag.
- Width 14mm Max. load 1.5kg.
- Qty usually 21 / m

Ref. 1 780 901
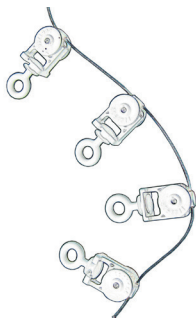
Rotating ripple eylet runner 60mm GA
- Runner mounted on wheels for 80% fullness ripple curtains.
- Supplied in a roll of 500 runners.
- Cord is already snapped on the runner body.
- 500 rotating runner eylet supplied in a different bag.
- No need to use snap tape.

Ref. 1 782 310
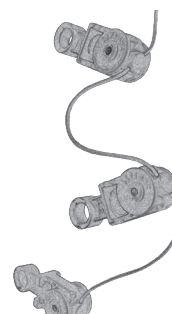
Ripple runner 2 1/8 GA
- Runner mounted on wheels for 100% fullness ripple curtains.
- Supplied in a roll of 500 runners.
- Cord already snapped on the runner body.
- 500 snap pendants supplied in a different bag.
- Width 14mm Max. load 1.5kg.
- Qty usually 19 / m

Ref. 1 780 902
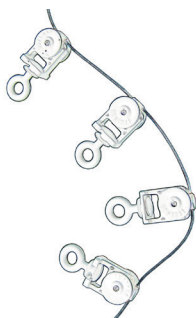
Rotating ripple eylet runner 80mm GA
- Runner mounted on wheels for 100% fullness ripple curtains.
- Supplied in a roll of 500 runners.
- Cord is already snapped on the runner body.
- 500 rotating runner eylet supplied in a different bag.
- No need to use snap tape.

Ref. 1 782 848

Ripple runner 2 3/8 GA
- Runner mounted on wheels for 80% fullness ripple curtains.
- Supplied in a roll of 500 runners.
- Cord already snapped on the runner body.
- 500 snap pendants supplied in a different bag.
- Width 14mm Max. load 1.5kg.
- Qty usually 17 / m

Ref. 1 780 903

somfy.

Wired Curtain

Track & accessories

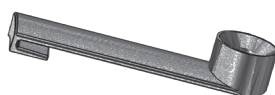### Universal accessories
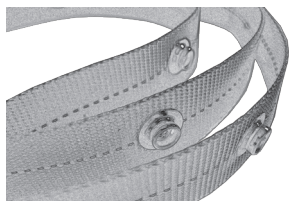
Ripple snap tape
- Ripple snap tape 4 1/4 (108mm) reel of 91 m.

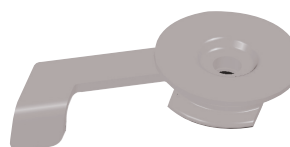Ref. 1 782 301

Ripple motor hook White GA
- Specific plastic hook with a female snaps to use for ripple curtains.
- Color: White.
- Unit weight: 2.3g
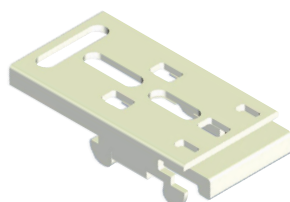
Ref. 1 780 905

Ripple motor hook Grey GA
- Specific plastic hook with a female snaps to use for ripple curtains.
- Color: Grey.
- Unit weight: 2.3g

Ref. 1 782 644

Swivel ceiling bracket GA
- Swivel ceiling bracket.
- Minimised light gap (2mm).
- Color: Zinc plated.
- Minimum qty necessary 2.5 per meter.
- Unit weight: 12.5g

Ref. 1 780 906

One touch ceiling bracket GA
- Ceiling bracket allows for easy positioning of the fixing holes & snap on mounting of the track.
- Color: White.
- Minimum qty necessary 2.5 per meter.
- Unit weight: 20g

Ref. 1 780 907
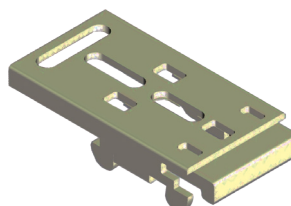
One touch ceiling bracket Grey GA
- Ceiling bracket allows for easy positioning of the fixing holes & snap on mounting of the track.
- Color: Grey.
- Minimum qty necessary 2.5 per meter.
- Unit weight: 20g

Ref. 1 782 643

Ceiling Fixing Plate
- Ceiling bracket allows for easy positioning & fix the track on the ceiling.
- Color: White.
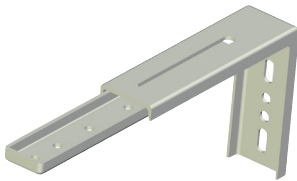- Minimum qty necessary 0.5 per meter.

Ref. 1 782 789

Adjustable wall mount bracket GA
- Wall mount angle bracket with minimum 100mm projection & 34 mm extention capability. Can be used in combination with ceiling brackets 1780906 & 1780907.
- Supplied with the screws to fix one ceiling bracket.
- No ceiling bracket supplied.

Ref. 1 780 909

somfy
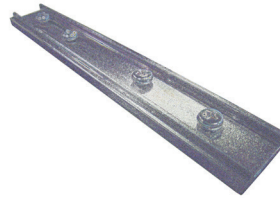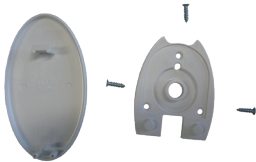
Track & accessories

Double adjustable wall mount bracket GA
- Wall mount angle bracket with minimum 100mm projection & 34mm extension capability. Can be used in combination with ceiling brackets 1780906 & 1780907.
- Supplied with the screws to fix one ceiling brackets.
- No ceiling bracket supplied.

Ref. 1 780 910

Heavy Duty rail joint GA
- Stronger piece to link two rails.

Ref. 1 782 316

Top mount kit GA
- Kit of accessories to allow the up side down installation;

Ref. 1 780 908
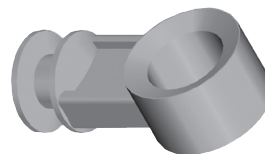
Cushion for belt GA
- Rubber part to be positioned in the assembled track to prevent the belt to get off splitted track transported folded.
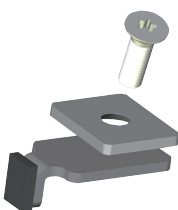
Ref. 1 780 955

Rottating runner eyelet GA
- Standard runner eyelet spare parts.
- Unit weight: 0.7g

Ref. 1 780 913

Ripple pendant GA
- Ripple runner pendant.

Ref. 1 780 948

Pulley stopper GA
- Spare pulley stopper assembly as a kit.
- Unit weight: 5g

Ref. 1 780 954

Pulley cover White GA
- Spare pulley cover white.
- Unit weight: 9.5g

Ref. 1 780 898

somfy.

Wired Curtain

Track & accessories

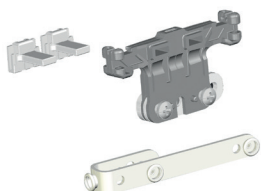### Medium Duty accessories

Pulley cover Grey GA
• Spare pulley cover grey.
• Unit weight: 9.5g

Ref. 1 782 583

Medium Duty belt 100m roll GA
• Roll of 100m reel, 10mm black belt. Approx. 2 times the length of the track is necessary.
• Quantity in standard package: a roll in a plastic bag

Ref. 1 782 783

Medium Duty master carrier GA W/Ripple Underlap arm
• Medium Duty master carrier with ripple underlap arm for classic & ripple solutions. Can be used on maximum 35kg curtain weight / 6 meters straight track.

Ref. 1 782 788

Medium Duty master carrier GA
• Medium Duty master carrier.
• Can be used on maximum 35kg curtain weight / 6 meters straight track
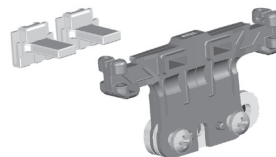
Ref. 1 782 784

Medium Duty master carrier GA W/Overlap arm
• Medium Duty master carrier with small arm. Can be used on maximum 35kg curtain weight / 6 meters straight track.

Ref. 1 782 785

Medium Duty master carrier GA W/Small arm
• Medium Duty master carrier with small arm. Can be used on maximum 35kg curtain weight / 6 meters straight track.

Ref. 1 782 786
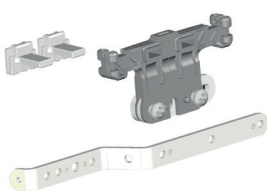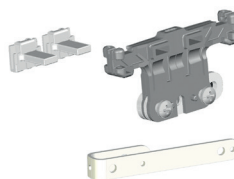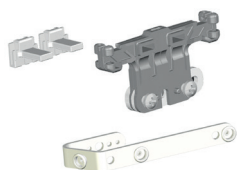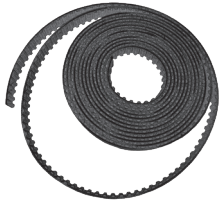
Medium Duty master carrier GA W/Ripple Overlap arm
• Medium Duty master carrier with ripple overlap arm for classic & ripple solutions. Can be used on maximum 35kg curtain weight / 6 meters straight track.

Ref. 1 782 787

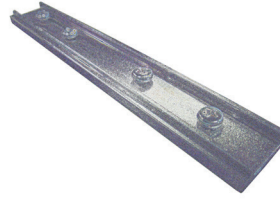somfy.

Track & accessories

Heavy Duty & Silent accessories

10mm Prelub belt 55m roll GA
- Roll of 60m reel, 10mm black pre-lubed belt.
- Approx. 2 times the length of the track is necessary.
- Quantity in standard package: a roll in a plastic bag.

Ref. 1 782 084

Heavy Duty master carrier GA
- Heavy Duty & quiet one piece non articulating master carrier.
- Can be used on all track configurations & shape including ripple curtain to the maximum weight capacity of
- Somfy curtain motors.
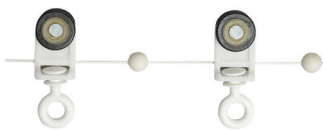
Ref. 1 781 344

Silent master carrier
- Silent master carrier.
- Can be used on HD accessories

Ref. 1 782 922

Silent runner
- Silent runner.
- Can be used on HD accessories

Ref. 1 782 921

Ripple runner W/Eyelet 80 silent
- Runner mounted on wheels for ripple curtains. Supplied in a roll of 250 runners. Cord is already snaped on the runner body. 250 rottating runner eylet supplied in a different bag
- No need to use snap tape

Ref. 9 027 590

Ripple runner W/Eyelet 60 silent
- Runner mounted on wheels for ripple curtains. Supplied in a roll of 250 runners. Cord is already snaped on the runner body. 250 rottating runner eylet supplied in a different bag
- No need to use snap tape

Ref. 9 027 591

Ripple runner 2 3/8" silent
- Runner mounted on wheels for 80% fulness ripple curtains. Supplied in a roll of 250 runners. Cord already snaped on the runner body. 250 snap penpands supplied in a different bag.
- Width 14 mm / Max. load: 1.5 kg
- Qty usually 17/m

Ref. 9 027 592

Ripple runner 2 1/8" silent
- Runner mounted on wheels for 100% fulness ripple curtains. Supplied in a roll of 250 runners. Cord already snaped on the runner body. 250 snap penpands supplied in a different bag.
- Width 14 mm / Max. load: 1.5 kg
- Qty usually 19/m

Ref. 9 027 593

somfy.

Wired Curtain

Track & accessories

Heavy Duty & Silent accessories

Ripple runner 1 7/8" silent
- Runner mounted on wheels for 120% fulness ripple curtains. Supplied in a roll of 250 runners. Cord already snaped on the runner body. 250 snap penpands supplied in a different bag.
- Width 14 mm / Max. load: 1.5 kg
- Qty usually 21/m

Ref. 9 027 594

Ripple fold runner fixing holder
- Runner mounted on wheels for 100% fulness ripple curtains. Supplied in a roll of 250 runners. Cord already snaped on the runner body. 250 snap penpands supplied in a different bag.
- Width 14 mm / Max. load: 1.5 kg
- Qty usually 19/m

Ref. 9 027 657

90 degree motor adaptor
- Compatible with Glydea and Movelite pulley, provides for 90 degree positioning of the motor, enabling consistent fabric fold

Ref. 9 027 179

Ripple arm adjustable kits
- Provides consistent fabric fold for Ripplefold applications

Ref. 9 027 045

Heavy duty overlap arm kit GA
- Stainless steel overlap arm with roller wheel to be used on the heavy duty master carrier on one-way tracks or two-way system when additional blackout is needed.

Ref. 1 781 417

Heavy duty straight arm GA
- Stainless steel arm to be optionally screwed on the heavy duty master carrier of two-way tracks. Allows to hang curtain with pleates with 3 pitch.
- Unit weight: 29g

Ref. 1 781 416

Ripple straight arm
- Stainless steel arm to be screwed on the heavy duty master carrier of two-way track when a ripple curtain with overlap solution is needed.
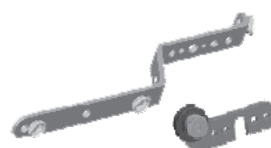
Ref. 1 780 946

Ripple overlap arm kit
- Stainless steel overlap arm with roller wheel to be used with the heavy duty master carrier on one-way ripple curtain with overlap.

Ref. 1 780 947

Track & accessories

Heavy Duty & Silent accessories

Ripple fold butt arms kit
- Steel arms kit to be used with master carrier GA on two-way tracks with butt arms.
- 2 kits are needed for a two-way tracks.

Ref. 1 780 953

Ripplefold one-way butt arm GA
- Steel arms kit to be used with master carrier GA on one-way tracks with butt arms.

Ref. 1 782 319

Small ripple overlap arm GA kit
- Stainless steel overlap arm with roller wheel to be used with the heavy duty master carrier on two-way ripple and classic curtain with overlap solution (for better curtain look).

Ref. 1 782 320

Small ripple underlap arm GA kit
- Stainless steel underlap arm with roller wheel to be used with the heavy duty master carrier on two-way ripple and classic curtain with overlap solution (for better curtain look).

Ref. 1 782 321

somfy.

Wired Curtain

Track & accessories

Movelite™ accessories

Small pulley MOVE
• To put opposite the motor side
• Grey

Ref. 1 782 883

Drive pulley MOVE
• To use on the motor side
• Grey

Ref. 1 782 843

Rail 5m MOVE
• 5 meter long track aluminium profile
• Grey
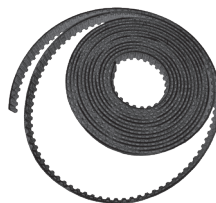
Ref. 1 782 884

Belt 100m MOVE
• Roll of 100m, 9mm belt.

Ref. 1 782 885

Master carrier MOVE
• Only compatible with Movelite rail

Ref. 1 782 886

Master carrier with overlap arm MOVE
• Only compatible with Movelite rail

Ref. 1 782 923

Master carrier with over U-shape arm MOVE
• Only compatible with Movelite rail

Ref. 1 782 927

Master carrier with under U-shape arm MOVE
• Only compatible with Movelite rail

Ref. 1 782 928

somfy.

Track & accessories

Movelite™ Ripple Runner

Runner MOVE
• Only compatible with Movelite rail

Ref. 1 782 887

Rail joint MOVE
• To connect two rails only compatible with Movelite rails

Ref. 1 782 893

Small pulley White MOVE
• To put opposite the motor side
• White

Ref. 9025 097

Drive pulley White MOVE
• To use on the motor side White

Ref. 9 025 098

Rail 5m White MOVE
• 5 meter long track aluminium profile
• White

Ref. 9 025 301

MOVE accessories are compatible with below brackets to build whole kits

1 780 906
Swivel ceiling bracket GA
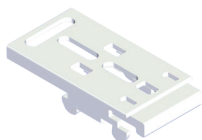
1 780 907
One touch ceiling bracket GA white
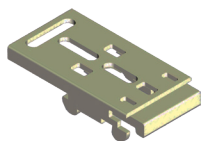
1 782 643
One touch ceiling bracket GA grey

1 782 789
Ceiling fixing plate

Can be used in combination with ceiling brackets 1780906, 1780907 & 1782643

1 780 909
Adjustable wall mount bracket GA
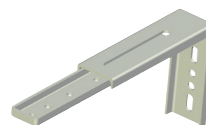
1 780 910
Double adjustable wall mount bracket GA

somfy.

Wired Curtain

Track & accessories

Movelite™ accessories

Ripple Runner with eyelet 80 MOVE
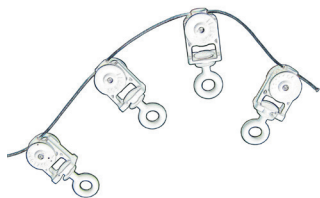
Ref. 9026439

Ripple Runner with eyelet 60 MOVE
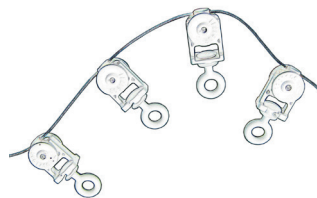
Ref. 9026438

Ripple Runner 2 3/8" MOVE
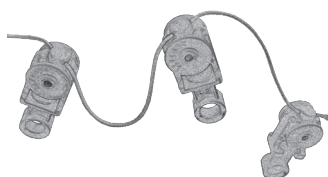
Ref. 9026437

Ripple Runner 2 1/8" MOVE
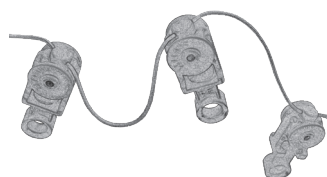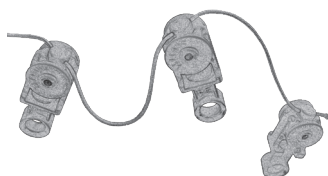
Ref. 9026436

Ripple Runner 1 7/8" MOVE

Ref. 9026435

Wirefree Curtain

Movelite™ Wirefree 35 RTS

Power Sources

somfy.

Wirefree Curtain

"Designed for convenience"

Somfy's WireFree™ curtain range provides an easy-to-install solution which requires no wiring at all and preserves the interior décor. A solution you can quickly adapt with your curtains. Movelite™ WireFree™ is an elegant and accessible solution for everyone while Irismo™ Wirefree™ is the quiet option.
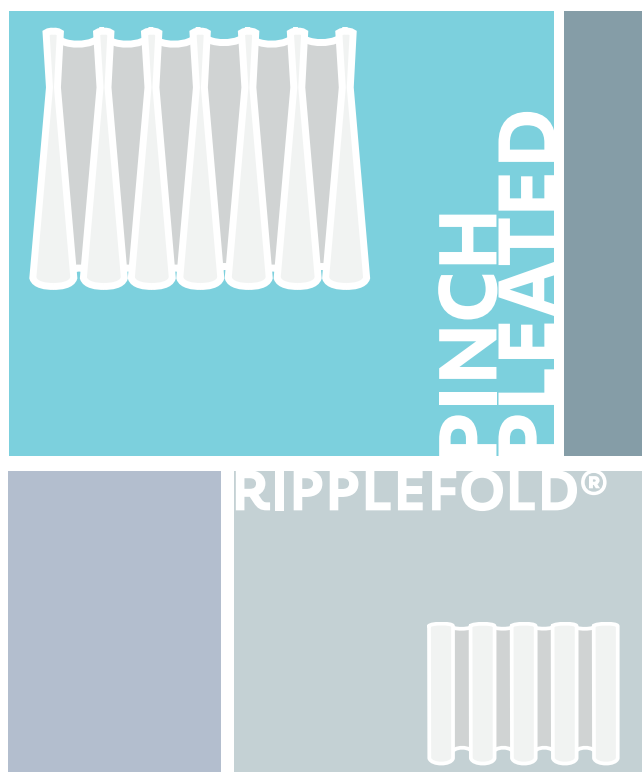
PINCH PLEATED

RIPPLEFOLD®

RTS

Radio Technology Somfy®

Radio Technology Somfy
Compatible with Radio Technology Somfy® (RTS) handheld remotes, a smartphone/tablet app, wireless wall switches, tabletop controls, sensors, timers, and third party automation systems.

somfy.

Movelite™ Wirefree 35 RTS

RTS
Radio Technology Somfy®

Somfy ✚

The essential motor accessible to all at a competitive entry level price.

Movelite™ Wirefree 35 RTS motor

with 35Kg capacity for a 6m straight track.
Does not fit curved or bent track.
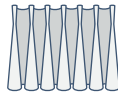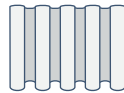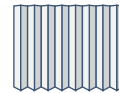
White | WireFree™

Compatible end-products

Classic curtain

Pinch pleated

Ripple fold

Accordion fold

Main functionalities

Touch Motion
Open and close the curtain simply by pulling on the fabric.

MANUAL OPERATION

Manual operation possible in case of power failure

Dimensions

Motor length (L1)	312 mm
Motor length (L2)	293 mm

93
27
53
39
5
L1 L2

DRIVE ROD
WIRE COVER
MOTOR HOUSING
MODULE COVER

somfy.
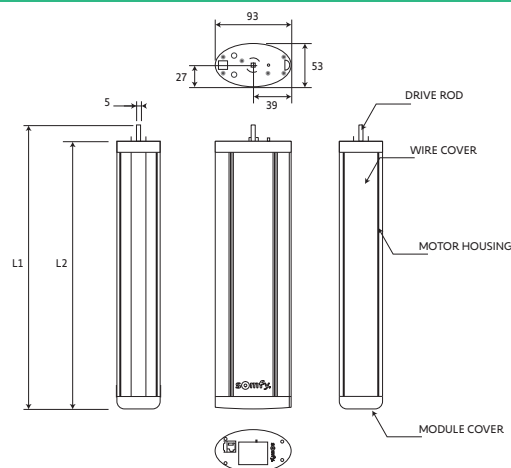
Wirefree Curtain

Movelite™ Wirefree 35 RTS

Technical features	
Working temperature	0°C to +60°C 85%HR at 35°C (+32°F to +140°F 85%HR at 95°F)
Storage temperature	-30°C to +80°C 85%HR at +35°C (-22°F to +176°F 85%HR at +95°F)
Type of limit	Adjustable limits
Index protection rating	IP 30
Approx. net weight of the motor	1024 g
Voltage range	5 Vdc (USB Charger)
Maximum current	1 A (USB Charger)
Battery pack capacity	Rechargeable Lithium Battery 2000mAh
Charge time	<9 hours
Insulation class	Class III
Maximum running time	2min 30s
Antenna	Integrated

Performances	
Curtain maximum weight	35Kg
Track maximum length	6m (Straight)
Nominal torque	0.6Nm
Speed	15 cm/s
Noise level	41 dB (A)
Control method	RTS radio
Radio protocol	Somfy RTS protocol
Radio frequency	433MHz
Radio range	200m in open field
Number of RTS transmitter	12 maximum

Certifications

CE

somfy.

Power Sources

Movelite™ Battery and Power Charger

STD 14.8V Rechargeable Li-ion battery

Ref. 9 025 268

USB charger with EU plug

Ref. 9 025 269

USB charger with US plug

Ref. 9 025 765

USB charger with UK plug

Ref. 9 025 766

somfy.

Control

somfy.

"**Motorised blinds and curtains make possible at the touch of a button.**"

Our remote controls come with several functions, centralised control, timers, individual or multi-device control, slat adjustment, intuitive interface, etc.

Exclusive to Somy

The "my" button

Use this button motorised your favourite position for an individual motorized application or a group of motorized application and access it instantly!

Example: Program the motorised horizontal blinds to a favourite position of halfway open. Whenever you want to open them halfway.
Simply press the "my" button.

Channel setting creates personalisation according to the end users' preference. Channel is defined as one window application or group of applications. You can operate multiple channels from the same remote control. Create groups that make sense for your daily life such as assigning all motorised products in the same room to one channel; or assigning your motorised curtains to one channel and blinds to a separate channel so that they always raise and lower together.

Somfy remote controls are compatible on multiple technologies.

WIRED TECHNOLOGY

Wired Technology
Offers control via power switching

R T S
Radio Technology Somfy®

Radio Technology Somfy
Compatible with Radio Technology Somfy® (RTS) handheld remotes, a smartphone/tablet app, wireless wall switches, tabletop controls, sensors, timers, and third party automation systems.

Somfy Digital Network RS485

Somfy Digital Network
Compatible with home automation systems.

animeo® IP
Compatible with automated total solar management solutions for an individual room or large commercial buildings.

somfy.

Control

Situo

RTS
Radio Technology Somfy®

With Situo RTS, you will no longer hide your remote control. Add some French taste to your interior décor!

+ Up, My, Down buttons
+ LED channel indicator
+ Wall hanging hole
+ 2 channels ideal for double curtains (sheer and blackout)
+ 5 channels for your best convenience

Pure   **Silver**

*Situo Soliris in Pure Only

Compatible end-products

Roller blinds   **Roman blinds**   **Classic Curtain**   **Pleated and cellular blinds***   **Zebra blinds**   **Sheer horizontal shades**

Main functionalities

my

"my" favorite
Move in one click your blind in your favorite position.

5 Group APPLICATIONS

Control*
up to 5 applications or 5 groups of applications

5

Sun management**

*Situo 5 RTS
**Situo 1 & 5 Soliris RTS

Dimensions

Height (H)	135 mm
Width (W)	42 mm
Depth (D)	14 mm

D

H

W

Situo

Technical features

	Situo 1 RTS	Situo 2 RTS	Situo 5 RTS	Situo 1 Soliris RTS	Situo 5 Soliris RTS
Channel	1	2	5	1	5
Finishes	Pure, Silver			Pure	
Power supply	3V button cell				
Radio frequency	433.42MHz 426MHz 447MHz	433.42MHz	433.42MHz 426MHz 447MHz	433.42MHz	
Operating temperature	0°C to +50°C				
Index protection rating	IP30				

Wall bracket & Program button

Wall bracket

Prog button

To access to the battery, remove this screw and the front face. (use CR2430 battery)

Unclip front cover to access screws

somfy

Certifications

CE   EHL   KC   ARIB

somfy.

Control

Situo Variation

RTS
Radio Technology Somfy®

Situo Variation completes the customer needs. The unique scroll wheel offers an intuitive control to manage precisely all dimming and tilting applications.

+ Up, My, Down buttons
+ Ergonomically-designed scroll wheel made dimming and tilting easy
+ Wall hanging hole

off   on

Pure   Silver

Compatible end-products

Venetian blinds	Roller blinds	Roman blinds	Classic Curtain	Pleated and cellular blinds	Zebra blinds

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Main functionalities

"my" favorite
Move in one click your blind in your favorite position.

Slats tilting
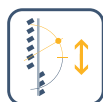
5 Group APPLICATIONS
Control*
up to 5 applications or 5 groups of applications

Sun management**

*Situo 5 Variation RTS II
**Situo 1 Variation Soliris RTS II

Dimensions

Height (H)	140 mm
Width (W)	45 mm
Depth (D)	20 mm

D

H

W

somfy.

Situo Variation

Technical features

	Situo 1 Variation RTS II	Situo 5 Variation RTS II	Situo 1 Variation Soliris RTS II
Channel	1	5	1
Finishes	Pure, Silver		Pure
Power supply	3V button cell		
Radio frequency	433.42MHz	433.42MHz 426MHz 447MHz	433.42MHz
Operating temperature	0°C to +48°C		
Index protection rating	IP30		

Wall bracket & Program button

To access to the battery, remove this screw and the front face. (use CR2430 battery)

Prog button

Wall bracket

Double side tape

Dimming and tilting function

my

Certifications

CE · WPC · ARIB

somfy.

Control

Smoove RTS
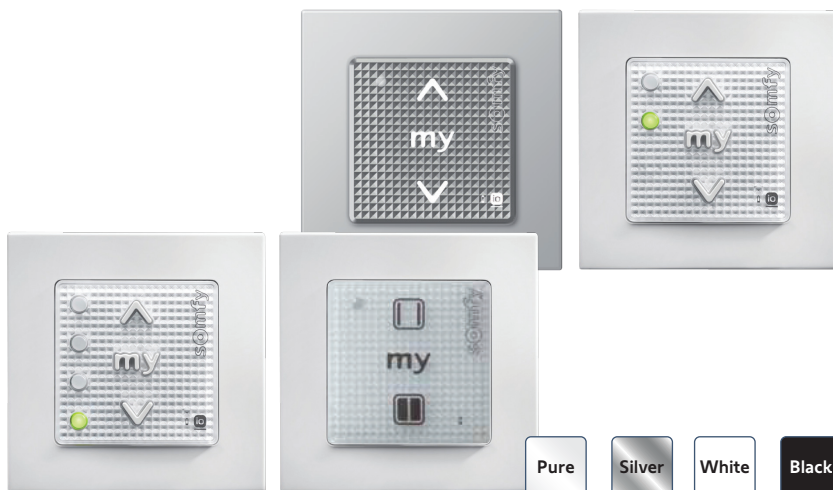
Just one touch the applications are in your hands to control, as intuitive as you can imagine!

+ Up, Stop/My, Down control
+ LEDs channel selection buttons (for 2 & 4 channels only)
+ Independent or group control of applications
+ Wall mount frame

| Pure | Silver | White | Black |

Compatible end-products

Roller blinds	Roman blinds	Classic Curtain	Pleated and cellular blinds	Zebra blinds

---

Main functionalities

"my" favorite	**Sensitive Touch**	**4 Group APPLICATIONS**	**2 Group APPLICATIONS**	**For vertical**	**For horizontal**
Move in one click your blind in your favorite position.	******	**4 applications** 4 groups of applications individually or simultaneously	**2 applications** 2 groups of applications individually or simultaneously	openings****	openings*****
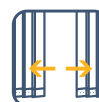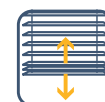
*Smoove Origin 2 RTS, Smoove Origin 4 RTS
**Smoove Origin 4 RTS
***Smoove Origin 2 RTS
****Smoove 1 RTS, Smoove Origin RTS
*****Smoove 1 Open/Close RTS
******Smoove 1 RTS, Smoove 1 Open / Close RTS

Dimensions

Dimension with frame

Height (F-H)	80 mm
Width (F-W)	80 mm
Depth (F-D)	10 mm

Dimension without frame

Height (H)	50 mm
Width (W)	50 mm
Depth (D)	10 mm

somfy
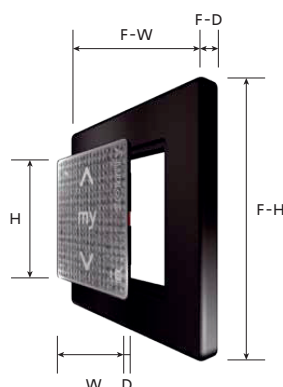
Smoove RTS

Technical features

	Smoove 1 RTS	Smoove 1 Open/Close RTS	Smoove Origin RTS	Smoove Origin 2 RTS	Smoove Origin 4 RTS
Channel	1			2	4
Finishes	Pure, Silver, Black		Pure, Silver	Pure	
Control button	Sensitive Touch		Mechanical		
Power supply	3V button cell				
Radio frequency	433.42MHz, 447MHz				
Operating temperature	0°C to +60°C				
Index protection rating	IP30				

Certifications

CE

Control

Telis 6 Chronis RTS

R T S
Radio Technology Somfy®

+ Easy to use and yet let you in control
+ Up, down, stop and <<my>> favourite positions
+ Control up to 6 applications or 6 groups of applications
+ Battery low indicator
+ On-screen display
+ Manual or automatic mode

| Pure | Silver |

Compatible end-products

Roller shutter

Awning

Roof window

Roller blinds

Roman blinds

Classic Curtain

Pleated and cellular blinds

Main functionalities

my

"my" favorite
Move in one click your blind in your favorite position.

6 Group APPLICATIONS

Control up to 6 applications
or 6 groups of applications individually or simultaneously

Battery low indicator

On-screen display

MANUAL OR AUTOMATIC

Manual or automatic mode

Dimensions

Height (H)	151 mm
Width (W)	47 mm
Depth (D)	18 mm

Wall support

somfy.
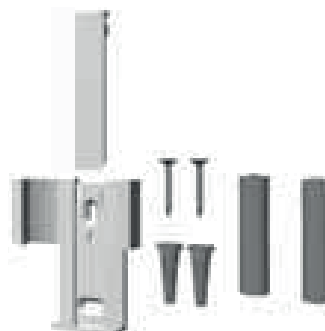
Telis 6 Chronis RTS

Technical features

Channel	6
Finishes	Pure, Silver
Power supply	1.5V 2xAAA size cell
Radio frequency	433.42MHz, 447MHz
Operating temperature	0°C to +60°C
Index protection rating	IP30

Certifications

CE

somfy.

Control

Telis 16 RTS

RTS
Radio Technology Somfy®

Give you high level of customized control of several applications with ease

+ Up, down, stop and <<my>> favourite positions
+ Control up to 16 applications or 16 groups of applications
+ Battery low indicator
+ On-screen display
+ Manual or automatic mode

Pure   Silver

Compatible end-products

Roller shutter

Awning

Roof window

Roller blinds

Roman blinds

Classic Curtain

Pleated and cellular blinds

Main functionalities

my

"my" favorite
Move in one click your blind in your favorite position.

16 Group APPLICATIONS

Control up to 16 applications or 16 groups of applications

Battery low indicator

On-screenn display

Dimensions

Height (H)	151 mm
Width (W)	47 mm
Depth (D)	18 mm

D

H

W

Wall support

somfy

Telis 16 RTS

Technical features

Channel	16
Finishes	Pure, Silver
Power supply	1.5V 2xAAA size cell
Radio frequency	433.42MHz, 447MHz
Operating temperature	0°C to +60°C
Index protection rating	IP30

Certifications

CE

Control

Situo RTS

A simplistic design is all you need

+ Up, My, Down buttons
+ LED indicator

White

Compatible end-products

Roller blinds

Roman blinds

Classic Curtain

Pleated and cellular blinds

Main functionalities

my

"my" favorite
Move in one click your blind in your favorite position.

1 Group APPLICATIONS

Control
1 application or
1 group of applications

Dimensions

Height (H)	120 mm
Width (W)	39 mm
Depth (D)	20 mm

D

H

W

Situo RTS

Technical features

Channel	1
Finishes	White
Power supply	3V button cell
Radio frequency	433.42MHz
Operating temperature	0°C to +60°C
Index protection rating	IP30

Certifications

CE

somfy.

Control

Inis and Smoove WT

WIRED TECHNOLOGY

Inis

Inis Mounted Box

Inis Duo

Smoove Duo

Smoove Uno

A complete range with sustainable design offering aesthetic and flexibility to control any kind of wired applications like roller shutters, external venetian blinds, screens.

+ Fit seamlessly into any interior decoration
+ Tool-free installation

White

Compatible end-products

Venetian blinds

Zebra blinds

Roller blinds

Classic Curtain

Awning

Main functionalities

STOP

Up, down and stop positions

Non-recessed switch

Non-recessed switch*

1 Actuator

Management of 1 actuator

2 Actuator

Management of 1 actuator**

MOMENTARY POSITION

Available in fixed or momentary position

MOMENTARY or 5 POSITION

Available in fixed, momentary or 5 positions***

*Inis Mounted Box
**Smoove Duo WT, Inis Duo
***Smoove Uno 5P, Smoove Duo 5P

Dimensions

	Inis Mounted Box FP/MP	Inis 86x86 FP/MP	Inis Duo 86x86 FP	Inis 80x120 FP	Smoove Uno WT 5P	Smoove Duo WT MP/5P
Dimension	82x44x56mm	86x86x17.5mm	86x86x17.5mm	80x120x17.5mm	80x80x49mm	80x80x49mm

Fixed position FP   One press to the button and the actuator goes up or down. Stop to the desired position.
Momentary position MP   Keep the button press to choose the desired position on the actuator.
5 position 5P   Conbine the 2 ergonomic principles of fixed and momentary position. A tilting is possible with the product with shory press.

Inis Mounted Box

Inis

Smoove Uno

Smoove Duo

somfy.

Inis and Smoove WT

WIRED TECHNOLOGY
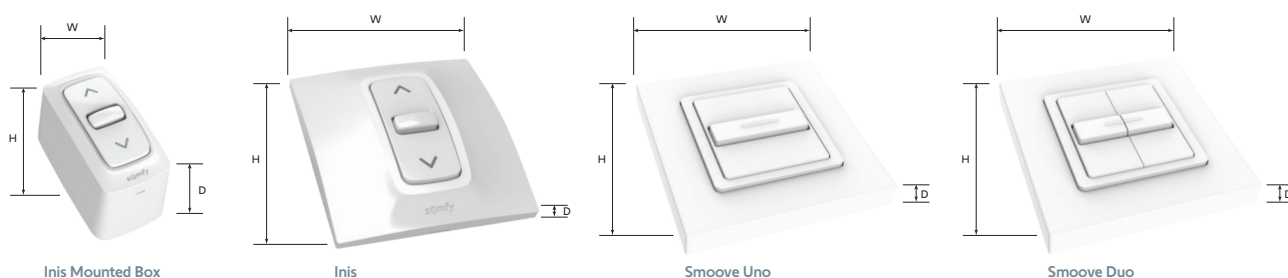
Technical features

	Inis Mounted Box FP/MP	Inis 86x86 FP/MP	Inis Duo 86x86 FP	Inis 80x120 FP	Smoove Uno WT 5P	Smoove Duo WT MP/5P
Finishes	White					
Power supply	230V/50Hz or 120V/60Hz					
Operating temperature	-5°C to +40°C					
Index protection rating	IP20					

Certifications

CE

somfy.