



SOMFY® Products Specification



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Somfy Motors for Roller Blinds









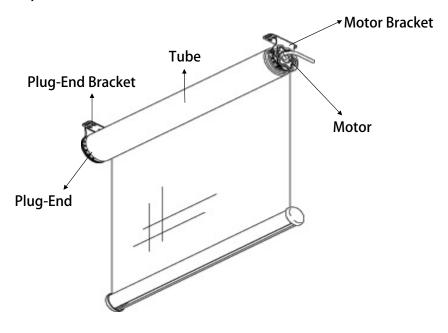


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SONESSE 30 RTS

SONESSE 30 RTS(2/28)

Max Height 3 m Max Width 3 m Max Weight 9 kg For jumbo cassette Roller



Sonesse 30 motors for Roller blinds



Motor Type	Reference	Speed	Torque	Power
Sonesse 30 RTS	1001524	28 rpm	2 Nm	24 V

Sonesse 30 motors Power Supply



Ref. 1870149 - Power Supply



Ref. 9014006- Power Cable

HOME MOTION by SOMETY.

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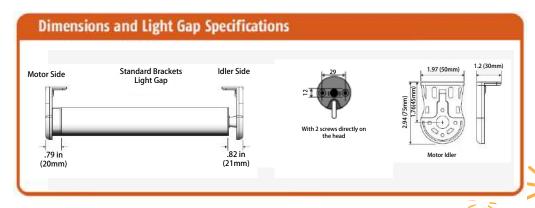
Sonesse 30 motors Technical View



Power Supply	24 V
Torque	2 Nm
Speed	28 rpm (Adjustable speed) 6 to 28
Protection Rating	IP30
Operating Temperature	0-60 c
Technology	RTS - DCT - RS485

Maximum Size of the blind 3x3 Meters Maximum Weight of the blind 9 KG



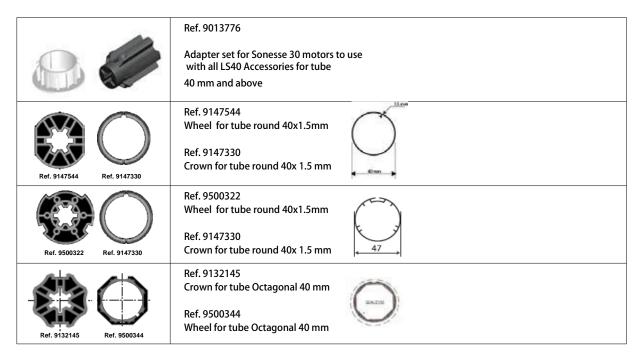


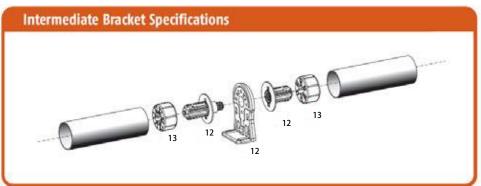




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Sonesse 30 motors Accessories for Roller blinds







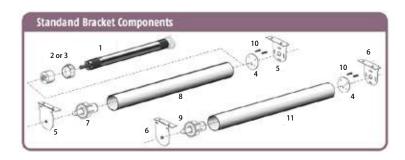


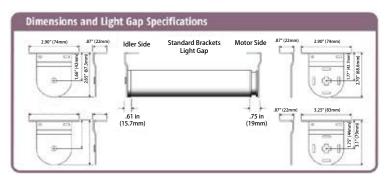




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Sonesse 30 Mechanical Accessories





Sonesse 30 motors Accessories for Roller Blind

	Ref. 9500685 Plug end Bracket for tube 40 mm & above	
O.	Ref. 9500683 Motor Bracket for tube 40 mm & above	
	Ref. 9500688 Plug end for tube 40 mm & above to be used with a wheel	
	Ref. 9500687 Intermediate bracket set 40	NA

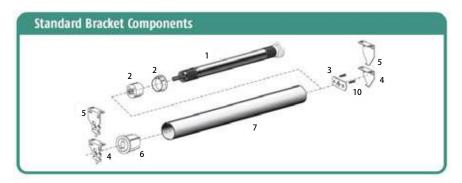


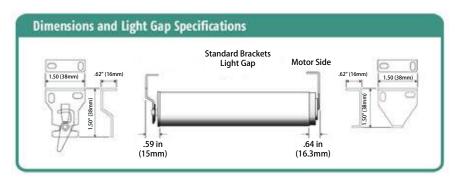




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Sonesse 30 Mechanical Accessories





Sonesse 30 motors Accessories for Roller blinds

3300		Ref. 9013775 75 Wheel + Crown for tube Rollease 38 mm
		Ref. 9013938 Wheel + Crown for tube HD 38 mm
135 nm	0	Ref. 1014045 Wheel + Crown for tube Louvolite 40 mm
		Ref. 9014333 Wheel + Crown for tube Louvolite 45 mm



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HOME MOTION by Somfy.

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Sonesse 30 motors Accessories for Roller blinds

2300		Ref. 9013775 Wheel + Crown for tube Rollease 38 mm
		Ref. 9013938 Wheel + Crown for tube HD 38 mm
135 mm	0	Ref. 1014045 Wheel + Crown for tube Louvolite 40 mm
Motor bracket, End cap bracket and End cap		Ref. 9137009 Bracket SET for tube round 38 mm





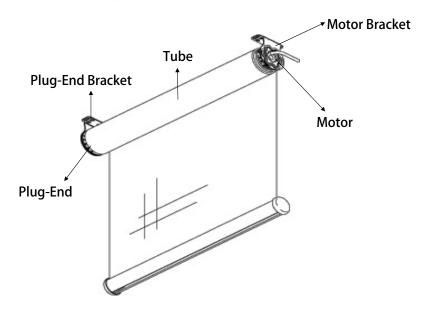


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SONESSE 50 RTS

SONESSE 50 RTS(3/28) Not for KSA SONESE 50 RTS (3/32) for KSA only

Max Height 5 m Max Width 3 m Max Weight 12 kg

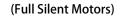


Sonesse 50 motors for Roller



Motor Type	Reference	Speed	Torque	Power
Sonesse 50	1030051	28 rpm	3 Nm	230 V







Standard Star Head







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Sonesse 50 motors Technical View



Power Supply	230 V
Torque	3 Nm
Speed	28 rpm
Protection Rating	IP31
Operating Temperature	0-60 c
Dimensions	Diameter 50 mm / Length 800 mm

Maximum Weight of the blind 12 KG

Round Head RH Accessories

	Ref. 9910017 – Bracket to use with 50 RH motors
	Ref. 9410665 — Motor Bracket to use with 50 RH motors
	Ref. 9410633 – Plug end Bracket
=	Ref. 9013593 – Plug end Cap
	Ref. 9410654 – Intermediate bracket with plug ends.





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	Ref. 9705287 – Wheel for tube with groove 57 x 1.5 mm Ref. 9705571 - Crown for tube with groove 57 x 1.5 mm
* 3	Ref. 9420801 – Adjustable plug- end (Need 1 wheel and 1 crown)
	Ref. 9206088 – Wheel for 50 x 1.5 mm No extra crown required

Standard Star Head Accessories

	Ref. 9410651 — Motor Bracket to be used with star head motors
	Ref. 9410633 – Plug end Bracket
=	Ref. 9013593 — Plug end Cap
	Ref. 9410654 — Intermediate bracket with plug ends.







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ALTUS 40

ALTUS 40 (3/30) Not for KSA ALTUS 40 (3/34) for KSA only

Max Height 5 m Max Width 3 m Max Weight 12 kg

Specially for project / controlled by automation

Screen & Blackout



Altus 40 Motors for Roller



Motor Type	Reference	Speed	Torque	Power
Altus 40 3/30	1020056	30 rpm	3 Nm	230V

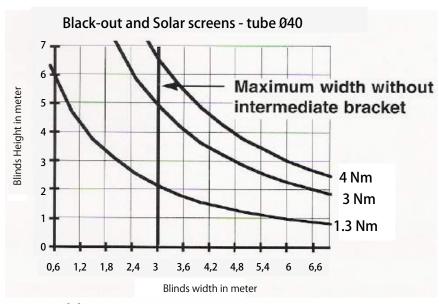






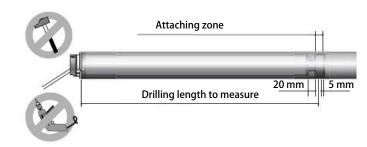
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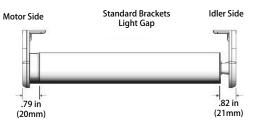
Roller Shades Motor Selection



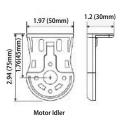
Altus 40 Assembly

















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Altus 40 Accessories for Roller blinds

Ref. 9701210	Ref. 9701209	Ref. 9701210 Crown for tube Warema 50x1.5mm Ref. 9701209 Wheel for tube Warema 50x 1.5 mm	Warema
Ref. 9147544	Ref. 9147330	Ref. 9147544 Wheel for tube round 40x1.5mm Ref. 9147330 Crown for tube round 40x 1.5 mm	13.rps
Ref. 9500322	Ref. 9147330	Ref. 9500322 Wheel for tube round 40x1.5mm Ref. 9147330 Crown for tube round 40x 1.5 mm	47
Ref. 9132145	Ref. 9500344	Ref. 9132145 Crown for tube Octagonal 40 mm Ref. 9500344 Wheel for tube Octagonal 40 mm	

Altus 40 motors Accessories for Roller blinds

	Ref. 9500685 Plug end bracket for tube 40 mm & above
O.	Ref. 9500683 Motor Bracket for tube 40 mm & above
	Ref. 9500688 Plug end for tube 40 mm & above to be used with a wheel
	Ref. 9500687 Intermediate bracket set 40 mm





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LS 40 MERCURE w/out receiver

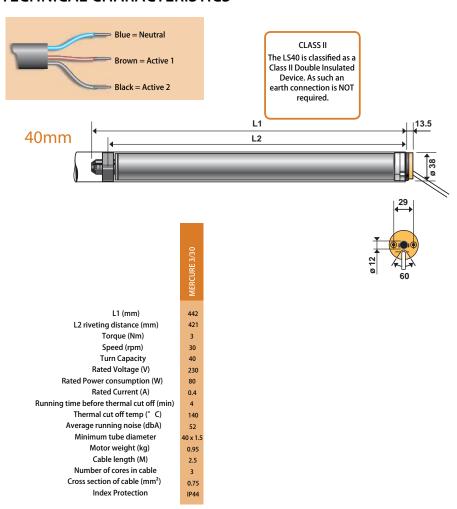
LS40

Max Height 5 m Max Width 3 m Max Weight 12 kg

Specially for project / controlled by automation



TECHNICAL CHARACTERISTICS



Normal functioning temperature: -10°C to +40°C







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ALTUS 50 (6/32)

ALTUS 50 (6/32) Not for KSA ALTUS 50 220v (6/38) for KSA only ALTUS 50 110v (8/20) for KSA only

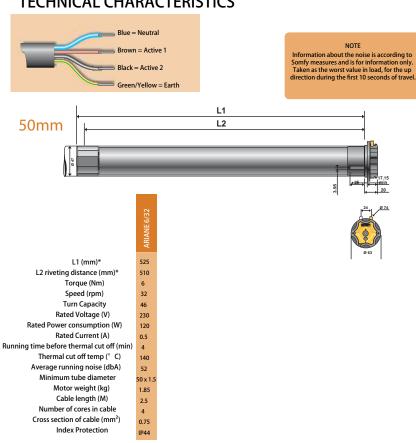
ALTUS 50

Max Height Max Width Max Weight 12 kg

Specially for project / controlled by automation



TECHNICAL CHARACTERISTICS



Normal functioning temperature: -10 $^{\circ}$ C to +40 $^{\circ}$ C

*For wheels on tubes \emptyset 50 x 1.5 add 8mm to L1 (mm) and L2.





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ALTUS 50 (10/32)

ALTUS 50 (10/32) Not for KSA

Max Height 6 m Max Width 3 m Max Weight 12 kg

ALTUS 50 (10/36) for KSA only

Max Height 15 m Max Width 3 m Max Weight 12 kg For Extreme high window



Features

* Maximum Height: 15.00m

* Motor: Altus 50-10/32 with 100mm diameter tube

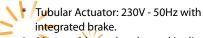
* Motor: Altus 50-10/36 with 100mm diameter tube (for KSA only)

* Maximum Height: 10.00m

* Motor: Altus 50-10/32 with 85mm

diameter tube

* Motor: Altus 50-10/36 with 85mm diameter tube (for KSA only)



Motor cable can be plugged in directly in the motor





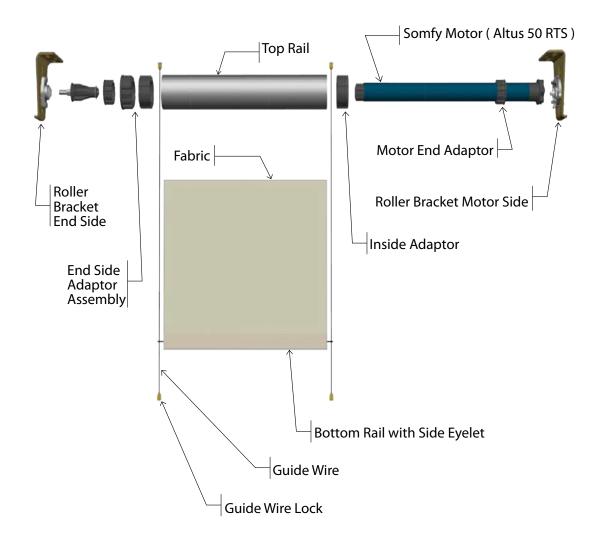


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ROLLER BLINDS MOTOR ALTUS 50 RTS FOR EXTREMELY HIGH WINDOWS

(Exploded Drawing)









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Somfy Motors for Roman Blinds









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SONESSE 50 RTS

SONESSE 50 RTS (3/28) Not for KSA SONESSE 50 RTS (3/32) for KSA only

Max Weight

Sonesse 50 motors Technical View



Power Supply	230 V
Torque	3 Nm
Speed	28 rpm
Protection Rating	IP31
Operating Temperature	0-60 c
Dimensions	Diameter 50 mm / Length 800 mm

Maximum Weight of the blind 12 KG

Sonesse 50 motors for Roman

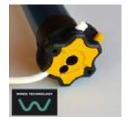


Motor Type	Reference	Speed	Torque	Power
Sonesse 50	1030051	28 rpm	3 Nm	230 V

(Full Silent Motors)



Round Head RH



Standard Star Head









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Somfy Motors for Wooden Blinds













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LS 40 (9/14)

LS40 (9/14) not for K.S.A LS40 (9/16) for K.S.A only

Max Height 5 m(1.6 m width)
Max Width 2.4 m (3.6 m height)

MAIN CHARACTERISTICS & FEATURES

230V / 50Hz tubular motor.

The LS40 is a hardwired motor suitable for Roman blinds and timber venetians. With its slim 38mm design, it can be adapted to Ø40mm tubes with the cord take up system or Roman spools. A quiet drive, reliable progressive limiting and low power consumption are a few of the design features of the LS40. Venetian tilting functions are achieved through the use of a suitable wall switch or remote receiver.

Progressive (screw type) set limits.

40 turn limit capacity.

Suitable for tubes: Ø40 and Ø40 octagonal.

230V switch control via electronic or mechanical means.*

Requires the use of a crown and wheel for tube adaptation.

Horizontal mount only.

Intermittent Usage.



40mm

MARS 9/14	Torque (Nm) 9	Speed (RPM) 14	Ref. 1023010
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^{*} Parallel wiring of motors is prohibited without the use of an isolation controller, eg. 4AC Motor Controller, 4 Motor Group Controller, etc. Direct switching of a 230V motor must always be done via a mechanical interlock.

For:





Balloon / Roman Blinds Timber Venetians



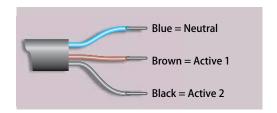




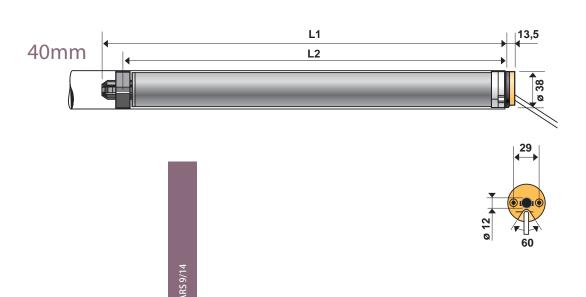
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LS40

TECHNICAL CHARACTERISTICS



CLASS II
The Altus 40 is classified
as a Class II Double
Insulated Device. As such
an earth connection is
NOT required.



L1(mm) 442 L2 riveting distance (mm) 421 Torque (Nm) Speed (rpm) 14 Turn Capacity 40 Rated Voltage (V) 230 Rated Power consumption (W) 100 Rated Current (A) 0.5 Running time before thermal cut off (min) Thermal cut off temp (° C) 140 Average running noise (dbA) 54 Minimum tube diameter 40 x 1.5 Motor weight (kg) 1.06 Cable length (M) 2.5 Number of cores in cable Cross section of cable (mm²) 0.75 Index Protection







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TILT WIREFREE RTS

used with modulis remote only

MAIN CHARACTERISTICS & FEATURES



12V DC Battery tilt only motor

When a retrofit is required or power cannot be accessed for a timber venetian the Tilt Wirefree is the answer. Utilising power saving software and a reloadable battery wand, RTS Modulis functionality and with an adaptable design, it is suitable for 51 x 57mm or 38 x 57mm headrails and a variety of shafts. The Tilt Wirefree does not require an electrician to install due to the SELV (Safety Extra-Low Voltage) 12v it uses and requires no extra effort than a manual blind to install.

Remote set limits with Modulis compatibility.*

Suitable for headrails: 51 x 57mm and 38 x 57mm.

Suitable for shafts: 4mm square, 5mm hexagonal, D-rod.

Memory Capacity: 12 channels / transmitters.

Programmable "my" position.

Requires the use of specific headrail and drive shaft adaptors.

Horizontal mount only.

Intermittent Usage.



TILT WIREFREE RTS	Torque (Nm) 1	Speed (RPM) 12	Ref.	1000678
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* Modulis remote required.





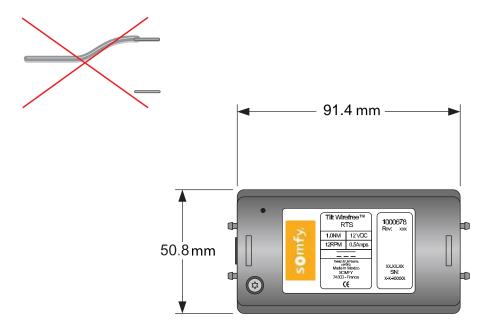


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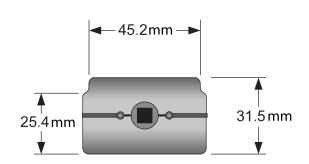
TILT WIREFREE RTS



TECHNICAL CHARACTERISTICS



Torque (Nm) 1
Speed (rpm) 12
Rated Voltage (V) 12
Rated Current (A) 0.4
Running time before thermal cut off (min)
Average running noise (dbA) 44
Motor weight (kg) 0.45
Index Protection IP30



Normal functioning temperature: $0^{\circ}~C~to~+60^{\circ}~C$







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Somfy Motors for Mini Venetian Blind





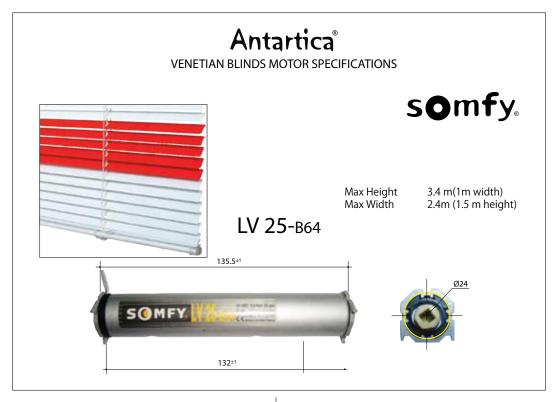






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LV 25-B64



Features

* Nominal Torque (Nm): 0.6 * Nominal Speed (r.p.m.): 35 * Power consumption (watt): 9.6

* Rating (ampere): 0.4 * Motor outside diameter.: 24 * Motor weight (kg): 0.145 * Cable length (m): 2.5

* Dielectric strenght : II * Photographer index : IP40

* Lifting capacity for Roller Blinds: 3

- * Single output shaft actuator 24VDC with integrated brake, torque limiter, shift play equalizer. Special constructions giving low noise emission.
- * For Venetian, Roman, horizontal pleated or cellular blinds.

- * Adaptation to head rail by specifically for different types and sizes of head rails designed clip-on adapters.
- * Adaptation to shaft by specifically to shift designed adapter recessed in actuator.







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MOTORIZED BLINDS

Mounting : Side mounted on a single shaft.

Down Limit : No or by built-in over torque limiter once rotation is blocked (by external

mechanical stop device e.g. ams25).

Up Limit : No or by built-in over torque limiter once rotation is blocked (by external

mechanical stop e.g. head rail).

Installation Instability

Installation : Automatic setting of top limit to avoid problems caused by Dimensional.

of card or tapes during life time: Blinds are always aligned in top position once

and stacked against head rail.

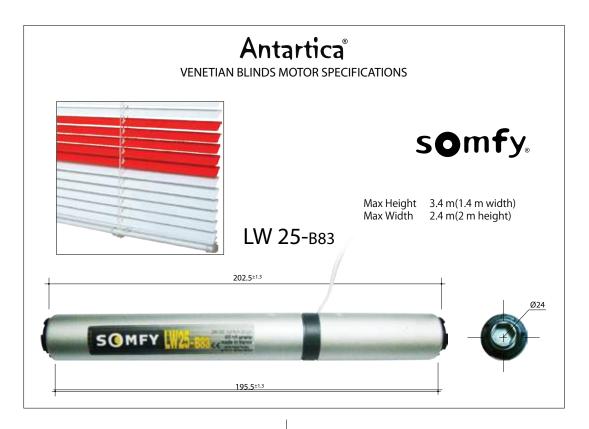






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LW 25-B83

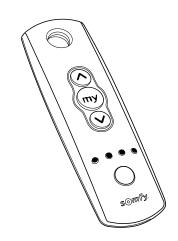


Features

* Nominal Torque (Nm): 0.8* Nominal Speed (r.p.m.): 30* Power consumption (watt): 15.6

* Rating (ampere): 0.65
* Motor outside diam.: 24
* Motor weight (kg): 0.195
* Cable lenght (m): 2.5
* Dielectric strenght: III
* Photographer index: IP40

* Lifting capacity for Venetian Blinds : 4









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MOTORIZED BLINDS

Mounting

Center mounting : Ideal for large blinds as the torque is equally shared.

Limits

Down Limit : No or by built-in over torque limiter once rotation is

blocked (by external mechanical stop device e.g. ams25).

Up Limit : No or by built-in over torque limiter once rotation is blocked (by external

mechanical stop e.g. head rail).

Installation : Automatic setting of top limit to avoid problems caused by Dimensional

Instability of card or tapes during life time: Blinds are always aligned in

top position once, stacked against head rail.

Control Range : Connection by 2 wires only. Compatibility with concept 25 control

systems.







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Somfy Motors for Pleated Blinds











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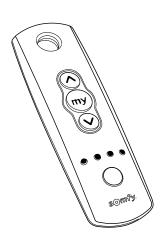
LW 25-B44



Features

* Nominal Torque (Nm): 0.4 * Nominal Speed (r.p.m.): 40 * Power consumption (watt): 10.8

* Rating (ampere): 0.45 * Motor outside diam.: 24 * Motor weigth (kg): 0.195 * Cable length (m): 2.5 * Dielectric strenght: III * Photographer index: IP40









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MOTORIZED BLINDS

Mounting : Center mounting: Ideal for large blinds as the torque is equally shared.

Limits : Down Limit: No or by built-in over torque limiter once rotation is blocked (by

external mechanical stop device e.g. ams25).

Up Limit : No or by built-in over torque limiter once rotation is blocked (by external

mechanical stop e.g. head rail).

Installation : Automatic setting of top limit to avoid problems caused by Dimensional

Instability of card or tapes during life time: Blinds are always aligned in top

position once, stacked against head rail.

Control Range: Connection by 2 wires only. Compatibility with concept 25 control systems.

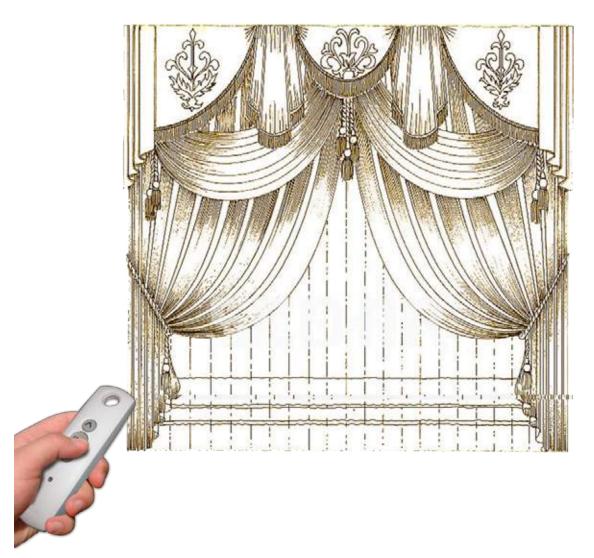






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Somfy Motors for Fabric Curtain









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GLYDEA SOMFY

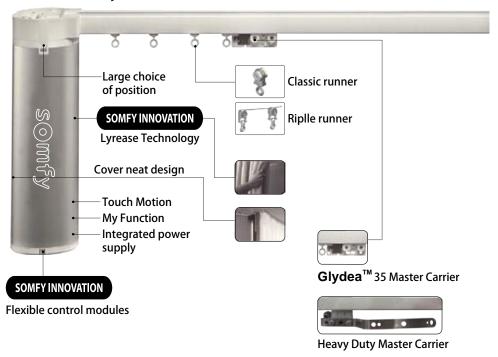
Glvdea 35

Max Weight 35 kg (straight) Max Width 10 m (35 kg) 10 kg / 6 m height (curved)

Glvdea 60

Max Weight 35 kg (straight) Max Width 12 m (55 kg) 20 kg / 10 m height (curved)

Glydea[™]Somfy



Glydea™

The sophistication of Glydea is reflected in the simple forms and sleek lines of the motor and the rail.

Aesthetic

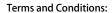
- * Somfy innovation: Patented cover neat design, hides the cabling and protects the connectors and the control modules inside the motor.
- * Reduce gap light thanks to the rail design and the swivel ceiling bracket.
- * Adjustable limits, to allow the curtain to fall nicely.

Flexibility

- * Large offer of hardware. Components to adapt to different types of curtains.
- * Somfy innovation: Plug in modules for a large range of control systems.



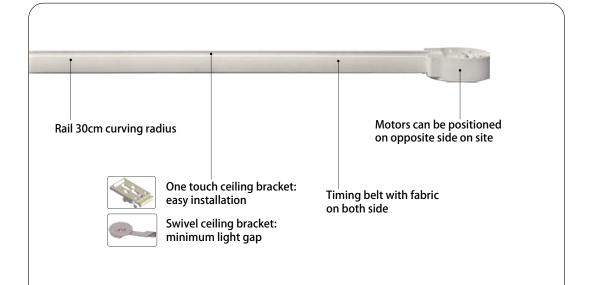




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Glydea[™]Somfy



Quiet

- * Low noise level of the motorized track (<50 DdB(A)), thanks to the motor design and the use of a timing belt.
- * Soft start and soft stop.

Efficiency

- * Touch Motion feature, to open and close the curtain simply by pulling on the fabric.
- * My Function, to automatically control the curtain to a preferred position.
- * Adjustable speed: 12.5 cm/s to 20 cm/s.

Robust Design

- * Somfy innovation: Lyrease mechanical system which disengages automatically the motor drive shaft for manual operation preserving the fabric.
- * Setting buttons and cabling not accessible to the end user.
- * No maintenance necessary after installation.

Glydea™

Tested for 15 years of operation. 5 years international warranty. International certifications.





















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Glydea™

The flexibility of Glydea[™] gives all the solutions to answer to the most demanding projects.

Adaptability

- * A large range of solutions, with only one rail, two types of motors and several control modules.
- * The offers can be personalized, thanks to a large range of options.

Universal



somfy.

- * Rail up to 15m long.
- * Bending radius is up to 30cm.
- * Large choice of rail shapes.
- * Curtain weight up to 100kg (tandem)
- * Large range of accessories to adapt to different types of curtains.







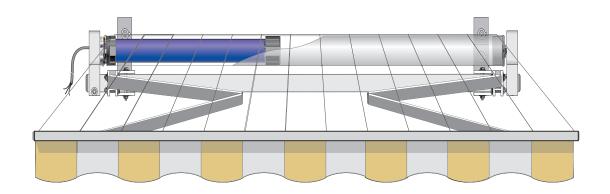






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Somfy Motors for Awning









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ALTUS 60 RTS

ALTUS 60 RTS

MAIN CHARACTERISTICS & FEATURES

230V / 50Hz tubular motor.

The Altus RTS (Radio Technology Somfy) is suitable for a wide range of awning applications. Available in torques from 25Nm (50mm) to 120Nm (60mm) and coupled with its 48mm or 60mm (respectively) design, it is adapted for Ø50 tubes and above. A built-in radio receiver with Somfy's rolling code for RTS control, the Altus RTS allows the user to operate almost any application with the convenience of a remote control.

60mm

Remote set limits.

Turning capacity limited only by thermal time.

Suitable for tubes: Ø50 to Ø85.

Memory Capacity: 12 transmitters, plus 3 sensors.

Programmable "my" position.

Requires the use of a crown and wheel for tube adaptation.

Horizontal mount only.

Intermittent Usage.





Torque (Nm) 55 Speed (RPM) 17 Ref. 1163103 **TECHNICAL CHARACTERISTICS** Blue = Neutral Ø 63 60mm

L1 (mm) L2 riveting distance (mm) Torque (Nm) Speed (rpm) Rated Voltage (V) Rated Current (A) Running time before thermal cut off (min) 4 Thermal cut off temp (° C) 150 Average running noise (dbA) Minimum tube diameter 50 x 1.5 Motor weight (kg) Cable length (M) Number of cores in cable Cross section of cable (mm²) 0.75 Index Protection

Information about the noise is according to Somfy measures and is for information only. Taken as the worst value in load, for the up direction during the first 10 seconds of travel.

Normal functioning temperature: -10° C to +40° C *Thermal protection will not automatically reset. Power off then on the motor to reset.







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REMOTE

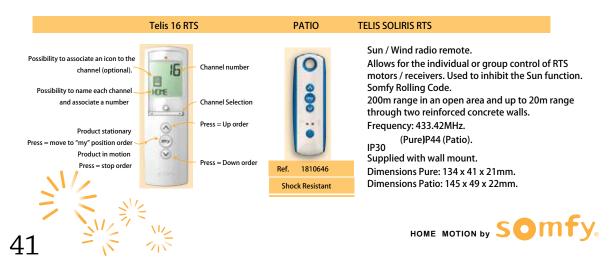
CONTROLS



HAND HELD - RTS REMOTES



Five channel radio remote. Allows for the individual and / or group control of RTS motors / receivers. Somfy Rolling Code. 200m range in an open area and up to 20m range through two reinforced concrete walls. Frequency: 433.42MHz. IP30 (except for Patio: IP44). Supplied with wall mount. Dimensions: 145 x 49 x 22mm. (except for Pure: 134 x 41 x 21mm)





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Telis 4 Modulis RTS







Telis 1 Modulis RTS Pure



Telis 1 Modulis RTS Lounge



Telis 4 Modulis RTS Lounge

5-channel radio hand transmitter, manual controlling of one or more Venetian blind motors per radio. Comfortable setting of the slats through a handwheel. Telis 4 Modulis RTS = 5-channel: individual and group operation possible.

Telis 4 Modulis RTS Pure	1 810 765
Telis 4 Modulis RTS Lounge	1 810 664

Delivery included: hand transmitter including wall bracket and battery.









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SENSOR





OUTDOOR, INDOOR & FOR RTS & WT MOTORS

SOLIRIS RTS SENSOR*



Radio sensor that will automatically retract a screen awning based on wind speed and extend based on a preset amount of sunlight. Compatible with Altus RTS, Orea RTS, CSI RTS, Modulis Receiver and the Universal Receiver. Somfy Rolling Code. 200m range in an open area and 20m range through two reinforced concrete walls.

Frequency: 433.42MHz.

IP34

Supplied with wall mount & screws.

Dimensions: 160 x 236 x 25mm.

Ref. 1818212

SUNIS RTS SENSOR*



Radio sensor that will automatically extend a screen awning based on a preset amount of sunlight. Powered connection not required. Compatible with Altus RTS, Orea RTS, CSI RTS, Modulis Receiver and the Universal Receiver. Somfy Rolling Code. 200m range in an open area and 20m range through two reinforced concrete walls.

Frequency: 433.42MHz.

IP44.

Supplied with wall mount & screws.

Dimensions: Ø100 x 50mm.

HOME MOTION by SOMFY

9013075





Ref.

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RECEIVER



INDOOR RTS RECEIVERS



Ref. 1810096

CENTRALIS INDOOR RECEIVER*

Indoor radio receiver for connection to a standard motor allowing use via an RTS transmitter.

Compatible with standard 230V motors. Visual motor programming feedback.

Frequency: 433.42MHz.

IP30.

Supplied as flush mount.

Dimensions: 80 x 80 x 45mm.

*Not compatible with Rodeo or Linkeo motors.







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Intermediate support



135 D





90 D







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