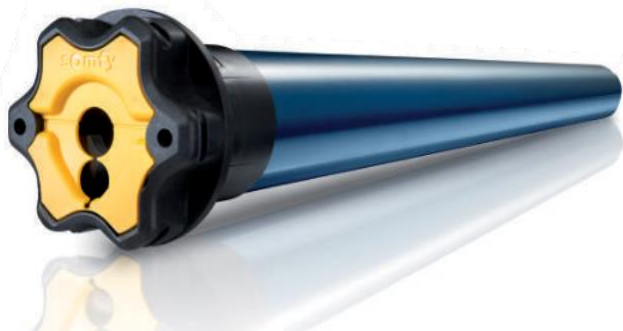


Mariak



Sonesse[®] Quiet Motors Just Got Stronger

6Nm Sonesse[®] 50 Motor Line



Distributed by:
Mariak Industries, Inc.
575 West Manville Street, Rancho Dominguez, CA 90220
1-800-562-7425

HOME MOTION by
somfy[®]

Somfy now offers a full range of Sonesse® 504Nm & 6Nm quiet motors for all applications

Quiet, Strong and Innovative... **NEW** 6Nm Sonesse® 50 Motor

With the Sonesse® range, Somfy makes acoustic performance the added value of your solutions, without sacrificing strength. Our new 6Nm motor now brings all of the benefits of our Sonesse® range to large multi-banded/coupled window covering applications.

WHY CHOOSE SOMFY'S SONESSE® RANGE?

Quiet and Strong:

- Stronger torque for larger applications including multi-banded/coupled window coverings
- *Uniform quiet operation in both the up and down directions under 40dBA.

Wide Range of Solutions:

- Interior and exterior applications
- Residential and commercial markets
- RTS, wired and RS485 integrated network options

Simplified Fabrication and Installation:

- Utilizes existing fabrication methods on the market today
- Compatible with leading industry hardware solutions
- Can be installed in 6 different orientations
- Advanced design enables simple "Snap-On" connection for roller tube adapters.

Superior Quality:

- Our motors undergo rigorous endurance, acoustic, radio, mechanical, electrical and safety tests in our 65,000 sq. ft. quality control and testing facility.
- More than 600 approved standards worldwide
- Manufactured and sold over 100 million motors

* Sound level measured at 3 feet from end product at maximum rated torque.

Streamlined Programming:

- RTS limits are set via radio transmitter.
- Wired simple push-button limit setting
- Improved RS485 commissioning process:
 - Motor auto discovery
 - Motor position feedback
 - Multiple intermediate positions
 - Collision detection
 - Compatibility with Somfy's animeo® IP system
 - Backward compatibility provides seamless integration with existing Somfy Digital Network projects.

Simple Electrical Connection:

- Available with UL approved 5-15P NEMA plug-in motor cable
- Plug-in option eliminates the need for an electrician.
- Motor cable length can be customized to meet your installation requirements.

All Sonesse® Motors are UL and CSA Recognized

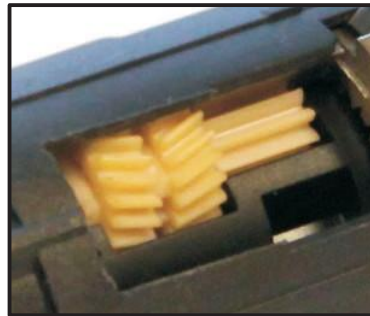
- All SOMFY motors are UL Recognized and can be found under the following file numbers: E60495, E60888, E63714



Sonesse® 50 4Nm and 6Nm

Designed for Comfort... Designed for Success

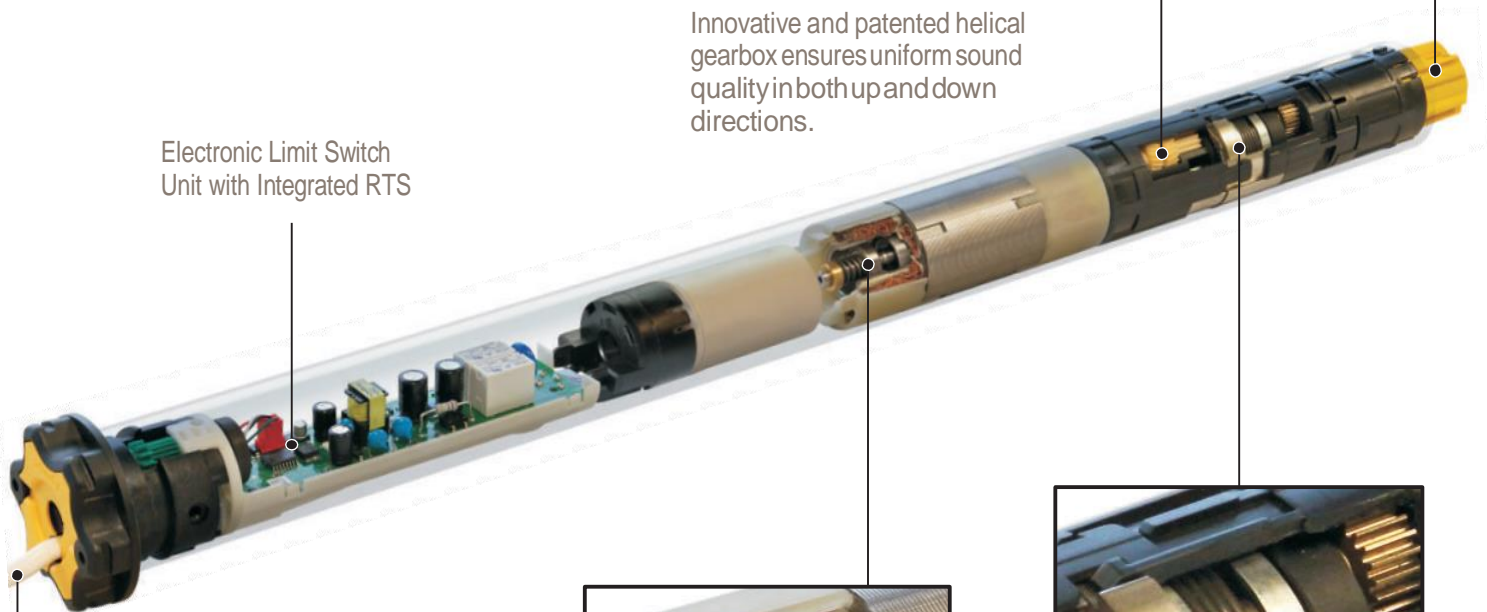
Somfy's global team of engineers have developed the Sonesse® range of quiet motors and accessories using state-of-the-art research and development tools. In total, Somfy has 5 registered patents for the Sonesse® range:
US 8253288, US 8469171, US 7726379, US 7151464, US 7034899



Compatible with all Somfy Snap-on drive wheels

Innovative and patented helical gearbox ensures uniform sound quality in both up and down directions.

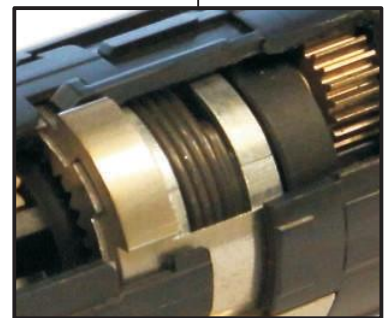
Electronic Limit Switch Unit with Integrated RTS



Includes Somfy patented antenna that is integrated into the power cord for enhanced reception.



A newly patented, asynchronous, high quality, maintenance-free motor that provides perfect rotary part alignment supported by roller bearings.



Newly patented and improved spring brake eliminates stopping and tilting noise.



As with all Somfy products, motors are backed by a 5 year warranty.

STAR HEAD

504S2 1030065
506S2 1001809

ROUND HEAD

504S2RH 1030066
506S2RH 1001806

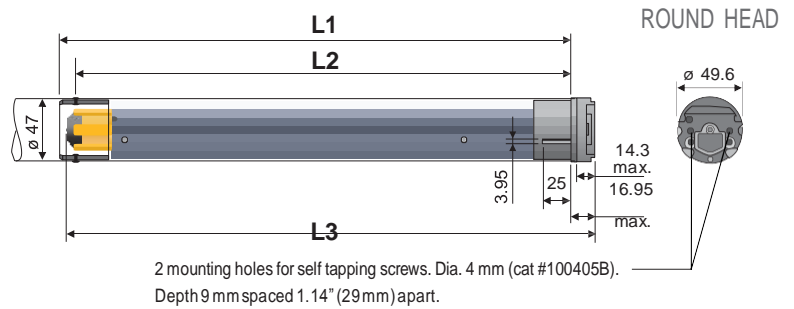
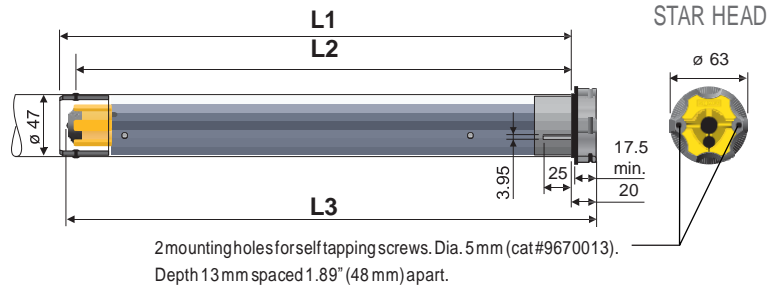


Radio Technology Somfy® (RTS) allows for wireless radio control of motorized window coverings via the RTS family of controls.

Technical Features

Voltage Supply	120V AC, 60Hz
Index Protection Rating	504 - IP 31 (interior use) 506 - IP 44 (interior & exterior use)
Limit Switch Type	Electronic RTS
Limit Switch Capacity	250 Turns
Temperature Working Range	504: 32°F to 140°F (0°C to 60°C) Interior use 506: -4°F to 158°F (-20°C to 70°C) Interior and exterior use
Insulation Class	Class 1 for 120V
Antenna	Integrated into power cord. Power cord must be at least 12 inches and must not come in contact with metal
Wiring	Parallel wiring allowed in accordance with NEC and local electrical codes

Dimensions



Performances

	504	506
Torque	4 Nm	6 Nm
Nominal Voltage	120V/60Hz	120V/60Hz
Rated Current	.95A	1.2A
Speed	32 rpm	32 rpm
Thermal Protection	4 minutes	5 minutes
Radio Frequency	433.42 MHz	433.42 MHz
*Sound Level	≤44 dBA	≤40 dBA

Dimensions	504	506
L1	30.83 in (783 mm)	25.7 in (653 mm)
L2	30.31 in (770 mm)	25.2 in (640 mm)
L3	SH 31.34 in (796 mm) RH 31.22 in (793 mm)	SH 26.2 in (666 mm) RH 26.1 in (663 mm)
Cable Length	6.5ft (2 m)	6.5ft (2 m)

Optional cables with NEMA plugs available in 3 ft, 6 ft, 12 ft, 18 ft, 24 ft.

*Sound Level:

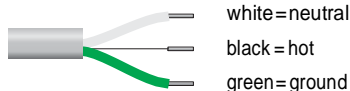
Sound level measured at 3 feet from end product at maximum rated torque.

Fabrication Recommendations:

- Operational noise level is reduced when motor, tube, and mechanical accessories are properly adapted to motorized applications.
- Free play must be minimized between the accessories and the end product tube to ensure quiet performance of the motor.
- Interior Tube Diameter (ID) > 47mm must be respected.
- A motor crown adapter between motor and end product tube is required to ensure concentric operation of motor.
- 500 Series Drive Stop and Screw (9910004) is recommended to prevent noise and drive wheel separation from motor shaft.
- Somfy Soft Clip Drive Wheel Adapters (brown in color) are not recommended.

Type of Cable

RTS
120V/60Hz
3 conductor cable



STAR HEAD	ROUND HEAD
504S2 1030061	504S2RH 1030062
506S2 1001814	506S2RH 1001812

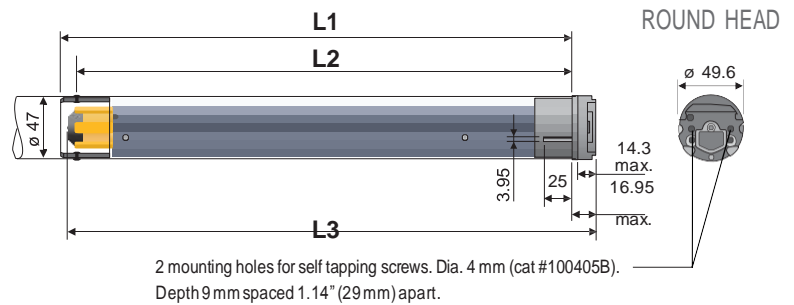
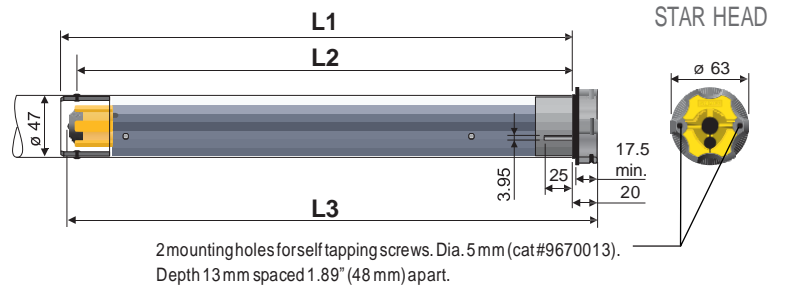


Offers control via power switching

Technical Features

Voltage Supply	120V AC, 60Hz
Index Protection Rating	504 - IP 31 (interior use) 506 - IP 44 (interior & exterior use)
Limit Switch Type	Rapid Adjustment RA
Limit Switch Capacity	46 Turns
Temperature Working Range	504: 32°F to 140°F (0°C to 60°C) Interior use 506: -4°F to 158°F (-20°C to 70°C) Interior and exterior use
Insulation Class	Class 1 for 120V
Wiring	Donotparallelwire

Dimensions



Performances

	504	506	Dimensions	504	506
Torque	4 Nm	6 Nm			
Nominal Voltage	120V/60Hz	120V/60Hz			
Rated Current	.95A	1.2A			
Speed	32 rpm	32 rpm			
Thermal Protection	4 minutes	5 minutes			
*Sound Level	≤44 dBA	≤40 dBA			

Optional cables with NEMA plugs available in 3 ft, 6 ft, 12 ft, 18 ft, 24 ft.

*Sound Level:

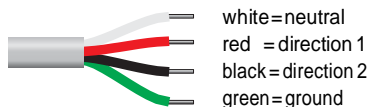
Sound level measured at 3 feet from end product at maximum rated torque.

Fabrication Recommendations:

- Operational noise level is reduced when motor, tube, and mechanical accessories are properly adapted to motorized applications.
- Free play must be minimized between the accessories and the end product tube to ensure quiet performance of the motor.
- Interior Tube Diameter (ID) > 47mm must be respected.
- A motor crown adapter between motor and end product tube is required to ensure concentric operation of motor.
- 500 Series Drive Stop and Screw (9910004) is recommended to prevent noise and drive wheel separation from motor shaft.
- Somfy SoftClip Drive Wheel Adapters (brown in color) are not recommended.

Type of Cable

Wired
120V/60Hz
4 conductor cable



506S2 1002286

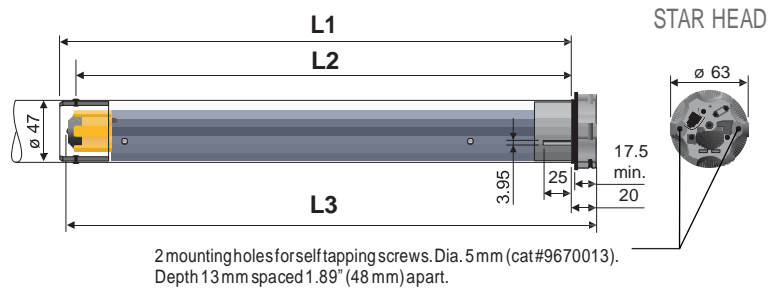


A new generation of intelligent motors that are controlled and monitored via Somfy digital network solutions and animeo IP total solar management system.

Technical Features

Voltage Supply	120V AC, 60Hz
Index Protection Rating	506 - IP 44 (interior & exterior use)
Limit Switch Type	Electronic
Limit Switch Capacity	300 Turns
Temperature Working Range	-4°F to 158°F (-20°C to 70°C) Interior and exterior use
Insulation Class	Class 1 for 120V
Wiring	Parallel wiring allowed in accordance with NEC and local electrical codes

Dimensions



L1	25.7 in (653 mm)
L2	25.2 in (640 mm)
L3	26.2 in (666 mm)
SJTW Power Cable Length	9.8 ft (3 m)
Data Cable (must be ordered separately)	Customizable and available in various lengths

Performances

Torque	6 Nm
Nominal Voltage	120V / 60Hz
Rated Current	1.2A
Speed	32 rpm
Thermal Protection	5 minutes
*Sound Level	≤40 dBA

Optional cables with NEMA plugs available in 3 ft, 6 ft, 12 ft, 18 ft, 24 ft.

Type of Cable



*Sound Level:

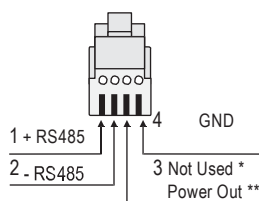
Sound level measured at 3 feet from end product at maximum rated torque.

Fabrication Recommendations:

- Operational noise level is reduced when motor, tube, and mechanical accessories are properly adapted to motorized applications.
- Free play must be minimized between the accessories and the end product tube to ensure quiet performance of the motor.
- Interior Tube Diameter (ID) > 47mm must be respected.
- A motor crown adapter between motor and end product tube is required to ensure concentric operation of motor.
- 500 Series Drive Stop and Screw (9910004) is recommended to prevent noise and drive wheel separation from motor shaft.
- Somfy Soft Clip Drive Wheel Adapters (brown in color) are not recommended.

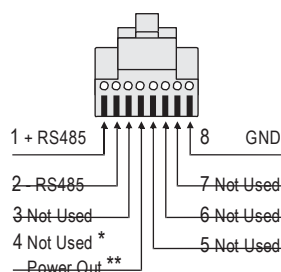
Data Cable: RJ9/RJ45 (sold separately)

RJ9 connects to motor



* Data cable (black) for animeo IP networks
** Data cable (grey) for powering external modules

RJ45 connects to network



4 Cond. 26AWG modular cable with RJ9 on one end and RJ45 other end - (RTS, Z-Wave, ZigBee modules)

GREY WITH POWER OUT

2.5 ft long	#9018545
8 ft long	#9018546
12 ft long	#9018547
24 ft long	#9018548

4 Cond. 26AWG modular cable with RJ9 on one end and RJ45 other end - (SDN - animeo IP)

BLACK WITHOUT POWER OUT

2.5 ft long	#9018541
8 ft long	#9018542
12 ft long	#9018543
24 ft long	#9018544

Flexible and Robust Control Options

The Sonesse® 50 range of 4Nm and 6Nm motors provide unsurpassed options in motorized window covering control. Our wide variety of solutions ensures you can always provide a Somfy-powered solution regardless of specification needs.

RADIO TECHNOLOGY SOMFY® (RTS)



TELIS HAND-HELD REMOTE COLLECTION



Telis 1 RTS Pure
Single Channel Remote
1810632



Telis 4 RTS Pure
Five Channel Remote
1810633



Telis 1 RTS Silver
Single Channel Remote
1810639



Telis 4 RTS Silver
Five Channel Remote
1810641



Telis 1 RTS Lounge
Single Channel Remote
1810650



Telis 4 RTS Lounge
Five Channel Remote
1810652



Telis 1 RTS Patio
Single Channel
Remote
1810643



Telis 4 RTS Patio
Five Channel
Remote
1810645



Telis 16 Channel RTS
Pure Remote with
On-screen display
1811081



Telis 16 Channel RTS
Silver Remote with
On-screen display
1811082



Telis 1 Chronis RTS
Pure Timer
1805237



Telis 1 Chronis RTS
Silver Timer
1805238

visit www.somfypro.com to learn more about RTS controls, accessories and interfaces.

DECOFLEX WIREFREE™ RTS WALL SWITCHES



DecoFlex 1 Channel
1810897



DecoFlex 2 Channel
1811068



DecoFlex 3 Channel
1811071



DecoFlex 4 Channel
1811074



DecoFlex 5 Channel
1810813

- Wall Switches shown in white. Also available in black, ivory, and almond finishes.
- Shown assembled with printed channel buttons.
- Custom engraved buttons are also available.

DECOFLEX WIREFREE™ RT TABLETOP



Black
1811051*



Silver
1810972*



White
1811185*

*DecoFlex Switch sold separately from Table Top Accessory.

visit www.somfypro.com/decoflex

animeo® IP



animeo IP is a total solar management system utilizing Somfy-powered intelligent motorized window coverings as well as digital keypads and weather sensors. The system's controllers, sensors and keypads can be added to both new and existing Somfy Digital Network installations for comprehensive solar management as either a stand-alone solution or integrated into third party control systems. An intuitive user interface allows for simplified commissioning, building management and technical support, featuring drag-and-drop programming, motor auto discovery and at-a-glance system status update.



animeo® IP Building Controller #1822314

visit www.somfypro.com/animeo

www.somfypro.com

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Fax: (905) 238-1491

Somfy: the creator of intelligent and sustainable movement
With over 100 million motors sold and 40 years experience providing motorization solutions for building openings, Somfy has developed an unrivaled choice of solutions including motors, control units, automatic devices and transmission technologies. Somfy is the world leader in Home Motion: Intelligent and sustainable movement in residential and commercial buildings.



HOME MOTION by
somfy®

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