Sonesse® 40 RS485



PEP EcoPassport
LEED v4.1 (1 credit) with products having an EPD (Environmental Product Declaration) with a focus on sustainability

Works with WELL
Documentation confirms that this product meets WELL feature requirements and is licensed to use the Works with WELL mark

The Sonesse® 40 RS485 motor is a wired bi-directional digital motor that communicates via the industry standard RS485 protocol for compatibility with the Somfy Digital Network™ (SDN). This intelligent motor is dedicated to a wide range of interior window coverings and features a powerful lifting capacity within a smaller overall footprint to fit narrow window openings. Its flexibility fits many building types (education, health care, hospitality, offices, retail, transportation, leisure, and residential).

Compatible end-products

- Roller shades
- Pleated shades
- Roman shades
- Horizontal blinds
- Layered/ Zebra shades
- Projection screens

Main functionalities

- Designed for silence
- Thin head
- LED provides feedback on motor
- Easy limit setting
- Position feedback
- Motor unique identifier

Benefits for professionals

Easy integration

- Seamless integration to match any interior decor
  - Thin round head for smooth transition into shade and tube profile
  - Interchangeable head color (white, black, and grey) to match fabric, hardware style, and color
  - Recessed interchangeable metal adaptor plate compatible with all hardware systems
  - Smaller light gap to minimize light leakage
- Fits small diameter tubes (suitable for an internal diameter of 38mm or more)
- Ideal for small narrow windows to maximize viewable window area
- UL listed to comply with local building codes and requirements

Easy installation

- Offers intelligent two-way communication via the industry standard RS485 for compatibility with the Somfy Digital Network™ (SDN)
- Easily integrates with third-party control systems
- Intelligent motors that are controlled and monitored via SDN solutions and the animeo® IP total solar management system

Easy setting

- Programming button on motor head allows for push-button control
- Visual feedback via integrated LED to confirm programming
- LED feedback for easy troubleshooting
- Setup and commissioning via SDN RS485, a 2-way bus line for reliable hard-wired control and integration to third-party and building management systems

Sustainable

- Eco-designed to minimize the impact on the environment.
- Consumes less than 0.5 watts in standby mode to reduce energy usage.
- Shades can contribute to a reduction in energy consumption.
- Provides a PEP Ecopassport Environmental Product Declaration for LEED V4.1 credit.

Benefits for end users

Comfort, convenience, and privacy

- Convenient solution for glare reduction, natural light management, and privacy
- Superior quiet performance
- Reliable wired connection over traditional radio solutions
- Maintenance-free power, no charging or battery replacement

Simple and effortless

- Move blinds effortlessly with a wall switch or third-party control

Discreet integration and home harmony

- Smaller diameter to maximize viewable window space
- Shorter length to fit smaller windows
- White, thin, round head for discreet blending (black and grey options available)

Sustainable

- Eco-designed to minimize the impact on the environment.
- Shades can contribute to a reduction in energy consumption.

Sonesse® 40 RS485

Somfy DESIGNED FOR SILENCE

Somfy Digital Network RS485

Item #: 1240562 Sonesse® 40 RS485 404S2 with Fast Connector
Item #: 1240563 Sonesse® 40 RS485 406A2 with Fast Connector
Item #: 1240564 Sonesse® 40 RS485 409R2 with Fast Connector

Technical data

Voltage Supply	120V/60Hz AC
Index Protection Rating	IP 31 (for indoor use only)
Limit Switch Type	Electronic
Limit Switch Capacity	250 turns
Temperature Working Range	32°F to 140°F (0°C to 60°C)
Insulation Class	Class II
Thermal Protection	4 minutes
Repeatability	+/-4°

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
- Inside Tube Diameter (ID) > or = 38mm must be respected to prevent contact with the basic motor tube.
- 400 Series Drive Stop and Screw (#9147894) is recommended to prevent noise and drive wheel separation from motor shaft.

Range Dimensions & Performance

Torque (Nm)	4	6	9
Speed (rpm)	36	24	14
Motor Length (L) in./mm	20.2 in. (514mm)	21.5 in. (545mm)	
Rated Current (Amp)	0.95		
Stand By Consumption (W)	0.5		
Sound Level dB(A)*	42	44	40

***Sound level:**
Power Level: according to standards ISO3741 in dB(A) ref 1pW typical value, at nominal torque and nominal speed, without application/end product.

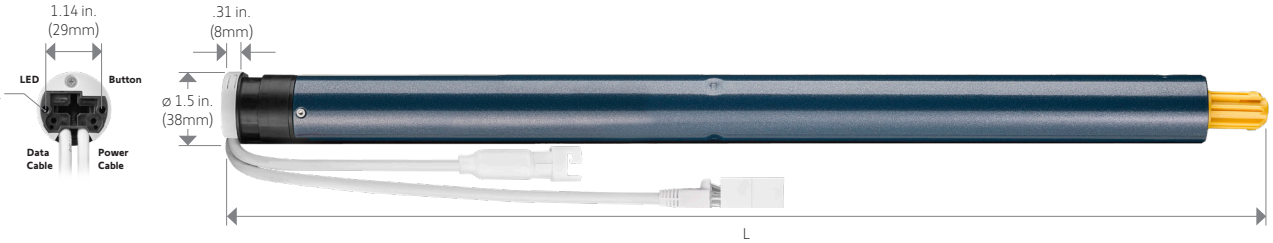
Power Cable

Cable type: White 2-conductor SVT 2 - AWG 18 : 0.824 mm² /
Fast Connector 7.9 in. (20cm)



Round Head

2 mounting holes for self-tapping screws M4 x 8mm (cat #9026094) spaced 1.14" (29 mm) apart. Self-tapping mounting screws are included with each motor.



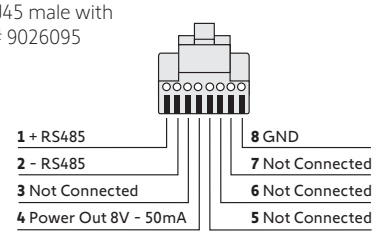
Integrated Motor Plates (sold separately):

9025997	Sonesse 40 Motor Plate Rollease R16-24 15.9 x 1.8mm & screws	
9026000	Sonesse 40 Motor Plate Rollease RBGAL 16 x 3.2mm & screws	
9025996	Sonesse 30 Motor Plate Rollease 360 R3-R8 10 x 1.8mm and screws	
9025999	Sonesse 30 Motor Plate Acmeda 12mm and screws	
9026003	Sonesse 30 Motor Plate Rollease Skyline and screws	
9026093	Sonesse 30 Motor Plate M3 x 6mm Philips flat-head plastite screw	

Data Cable

Cable type: white 11.8 in. (30cm) RJ45 male with RJ45 Female/Female coupler part# 9026095





Optional Head Covers:



White (supplied with motor)
#9026090



Optional Grey
#9026091



Optional Black
#9026092

Certifications

c UL us LISTED

CE

5 YEARS WARRANTY

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