Sonesse® 30 RS485 24V DC

Somfy DESIGNED FOR SILENCE

Somfy Digital Network RS485

Sonesse® 30 RS485 24V DC is a new and improved quiet DC motorization for small profile shades, dedicated to interior applications.

> **Somfy recommends**
>
> Somfy crowns & drives for optimal performance. (Note: The Sonesse 30 WireFree range of crowns & drives are compatible with the Sonesse 30 24V DC range.)

Compatible end-products

Roller shades	Roman shades	Pleated/ Cellular shades	Venetian blinds	Projection screens	Layered/ Zebra shades

Main functionalities

Designed for silence

Thin head for a more discreet look

LED feedback for easy troubleshooting

Soft start and Soft stop provides a precision look

Stabilized speed for perfect blind alignment

Adjustable speed from 10 to 28 rpm

Easy limit setting

Position feedback

Motor node ID Easy localization with motor node ID

Benefits for professionals

Easy integration

- Seamless integration to match any interior decor
  - Thin round head for smooth transition into shade and tube profile
  - Smaller light gap to minimize light leakage
  - Interchangeable head color (white, black and gray) to match fabric and hardware style and color
- Recessed interchangeable metal adaptor plate compatible with all hardware systems
- Fits small diameter tubes (suitable for an internal diameter of 31 mm or more)
- Ideal for small narrow windows to maximize viewable window area
- Low-voltage 24V DC power for safe and easy wiring

Two-way communication

- 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 installation

- Choose the right adjustable speed from 10 to 28 rpm (nominal speed is 25 rpm)

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

Benefits for end users

Comfort, convenience and privacy

- Convenient solution for glare reduction and privacy
- Superior quiet performance

Simple and effortless

- Move blinds effortlessly thanks to a wall switch or third-party control

Protect shades and blinds

- Soft stop and soft start to protect the fabric
- Provides a precision look

Discreet integration and home harmony

- Smaller diameter to maximize viewable window space
- Shorter length to fit smaller windows
- White and thin round head for discreet blending (black and grey as an option)
- Low-voltage wiring that is safe and out of sight

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Item #: 1241144

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Technical data

Supply Tolerance	21.6 — 26.4V DC
Running Time	6 minutes
Repeatability	+ 6°
Cable	AWG24 — 1 Cable: 5 wire (9.8 in. 5 position Weidmüller pigtail non-removable)
Index Protection Rating	IP30 (interior use only)
Limit Switch Unit	Electronic
Limit Switch Capacity	125 turns (limited to 6 minutes of rotation without stop)
Temperature Working Range	From 32°F to 140°F (0°C to 60°C)
Electric Insulation	Class III
Sound Level*	<47 dB(A)*

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) > 31 mm must be respected.
- A motor crown adaptor between motor and end product tube is required to ensure concentric operation of motor.
- Sonesse 30 Series drive stop and screw (included with crown and drive) are recommended to prevent noise and drive wheel separation from motor shaft.

*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.

Dimensions

1.14 in. (29mm)
.287 in. (7.3mm)
Mounting holes ø .12 in. (3mm) .275 in. (7mm) deep. Accepts 9014066 M3.5 x 9mm Philips flat-head plastite screws.
.31 in. (8mm)
ø 1.5 in. (38mm)
18.9 in. (479.5mm)

Cables

Weidmüller non-removable pigtail = 1 cable 9.8 in. (249 mm) with 5 wires (2 power, 3 data).

9020743 Weidmüller 5-position connector included and also sold searately

Optional Head Covers:

Optional Grey #9027133

Optional Black #9027134

White (supplied with motor) #9027132

Performances

Nominal voltage	24V DC
Rated current	.725 A
Standby power	.2W
Torque	2 Nm
Default speed	25 rpm
Speed range	10 to 28 rpm (speed regulated and adjustable)
Control	RS485

Integrated Motor Plates (sold separately):

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	

Certifications

CE
c UL us LISTED
SHADE OPERATOR 918F

POLAR SHADES® sun control

POWERED by somfy. A BRAND OF SOMFY GROUP