

Sonesse® 30 RTS 24V DC



Part #1241142



Sonesse 30 RTS 24V DC

New and improved quiet DC motorization for small profile shades, dedicated to interior applications.

Somfy Recommends the use of 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



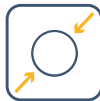
Layered/
Zebra Shades



Functions:



Designed for silence



Thin head for a more discreet look



Remote limit setting for simple installation



LED feedback for easy troubleshooting



Soft start and soft stop provides a precision look



Stabilized speed for perfect blind alignment



Compatible with solar functions to automatically protect interiors



Sleep Mode eliminates radio interference between motors in group settings



Adjustable speed from 6 to 28 rpm



"my" favorite moves blinds to a favorite position



Compatible with scroll-wheel functions for enhanced tilt control

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

Easy installation

- Choose the right adjustable speed from 6 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
- Sleep Mode to avoid RTS radio cross programming

Setting from a distance

- Radio set up via Radio Technology Somfy® (RTS)
- Visual feedback of the product to confirm any step of setting and programming

Benefits for end users

Comfort, convenience and privacy

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

Simple and effortless

- Move blinds effortlessly and remotely thanks to radio control
- Move blinds to a favorite "my" position in one click

Compatible with all RTS controls

- Situo Variation transmitter compatibility
- Solar protection functions compatibility

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

Technical data

Supply tolerance	21.6 – 26.4V DC
Running time	6 minutes
Repeatability	+ 5°
Cable	AWG24 — 1 Cable: 2 wire (9.8 in. Weidmüller pigtail non-removable)
Index protection rating	IP30 (interior use only)
Limit switch unit	Electronic
Limit switch capacity	150 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
Antenna	7.5 in. (19cm) wire length, must not be cut or lengthened. For greatest RF range, antenna must be exposed.
Sound level*	<42 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:



Cables:

Weidmüller non-removable pigtail = 9.8 in. (249 mm)



Integrated Motor Plates (sold separately):

9025996 Sonesse 30 Motor Plate
Rollese 360 R3-R8
10 x 1.8 mm and screws



9025999 Sonesse 30 Motor Plate
Acmeda 12 mm and screws



9026003 Sonesse 30 Motor Plate
Rollese Skyline and screws



9026093 Sonesse 30 Motor Plate
M3 x 6 mm Philips
flat-head plastite screw



Performance:

Nominal voltage	24V DC
Rated current	.625 A
Standby power	.2W
Torque	2 Nm
Default speed	25 rpm
Speed range	6 to 28 rpm (speed regulated and adjustable)
Radio frequency	433.42 MHz

Certifications:



Optional Grey
#9027133



Optional Black
#9027134



White
(supplied with motor)
#9027132