

# Sonesse® 30 RTS 24V DC



The Sonesse® 30 RTS 24V DC is a 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

## Main functionalities



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" function moves blinds to a favorite position



Compatible with scroll-wheel functions for enhanced tilt control



Quick lock drive

## 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

- Quick lock drive makes it easier to assemble
- 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



# Sonesse® 30 RTS 24V DC



Item #: 1241142

## Technical data

<b>Supply Tolerance</b>	21.6 – 26.4V DC
<b>Running Time</b>	6 minutes
<b>Repeatability</b>	+ 5°
<b>Cable</b>	AWG24 – 1 Cable: 2 wire (9.8 in. Weidmüller pigtail non-removable)
<b>Index Protection Rating</b>	IP30 (interior use only)
<b>Limit Switch Unit</b>	Electronic
<b>Limit Switch Capacity</b>	150 turns (limited to 6 minutes of rotation without stop)
<b>Temperature Working Range</b>	From 32°F to 140°F (0°C to 60°C)
<b>Electric Insulation</b>	Class III
<b>Antenna</b>	7.5 in. (19cm) wire length, must not be cut or lengthened. For greatest RF range, antenna must be exposed.
<b>Sound Level*</b>	<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



## Cables

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



## Optional Head Covers:



Optional Grey  
#9027133



Optional Black  
#9027134



White (supplied with motor)  
#9027132

## Performances

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

## Integrated Motor Plates (sold separately):

<b>9025996</b>	Sonesse 30 Motor Plate Rollese 360 R3-R8 10 x 1.8mm and screws	
<b>9025999</b>	Sonesse 30 Motor Plate Acmeda 12mm and screws	
<b>9026003</b>	Sonesse 30 Motor Plate Rollese Skyline and screws	
<b>9026093</b>	Sonesse 30 Motor Plate M3 x 6mm Philips flat-head plastite screw	

## Certifications

