

Sonesse® 30 DCT 24V DC

DRY CONTACT

Part #1241146



Sonesse® 30 DCT 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



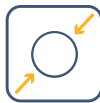
Layered/
Zebra Shades



Functions:



Designed for silence



Thin head for a more discreet look



LED feedback for easy troubleshooting



Soft start and soft stop provides a precision look



Stabilized speed for perfect blind alignment



Adjustable speed from 6 to 28 rpm

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
- Dry contact connections for simple limit setting and control

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
- Move blinds to a favorite "my" position in one click

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 – 2 Cables: 1 Cable 2-wire for power, 1 Cable 4-wire for communication (non-removable, 6 ft.)
Index protection rating	IP30 (interior use only)
Limit switch unit	Electronic
Limit switch capacity	100 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
Maximum distance between motor & wall switch (AWG24)	23 ft. (Sonesse 30 DCT Wall Switch, White #1800219)
Sound level*	<47 dB(A)*

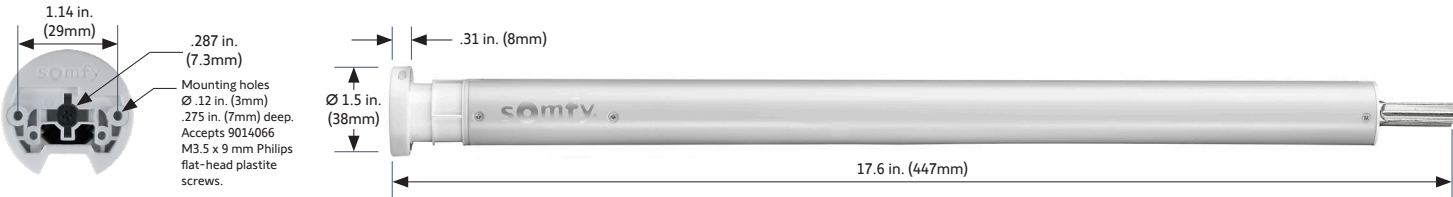
Fabrication recommendations:

- 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:



Cables:

Limit Setting Tool #9014599 required for setting limits (sold separately).

2 non-removable 6 ft. cables (1 cable with 2 wires for power, and 1 cable with 4 wires for communication)



Performance:

Nominal voltage	24V DC
Rated current	.700 A
Standby power	.3W
Torque	2 Nm
Default speed	25 rpm
Speed range	6 to 28 rpm (speed regulated and adjustable)
Control	Dry Contact

Certifications:



Integrated Motor Plates (sold separately):

9025996	Sonesse 30 Motor Plate Rollease 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 Rollease Skyline and screws	
9026093	Sonesse 30 Motor Plate M3 x 6 mm Philips flat-head plastite screw	

Optional Head Covers:

