

Sonesse® 30 PoE



Somfy
DESIGNED FOR
SILENCE



The Sonesse® 30 PoE motor provides innovative control of motorized window treatments using native Power over Ethernet, lowering costs and improving efficiency.

Somfy +

→ **Compatible with the Sonesse 30 WireFree range of crowns & drives.**

Compatible end-products



Roller shades



Roman shades



**Layered/
Zebra shades***



Sheer horizontals



Projection screens

*Please review recommendations to avoid excessive electrostatic charging

Main functionalities



Designed for silence



Adjustable speed



Position feedback



Motor unique identifier



Thin head



Built-in speed control



LED provides feedback on motor



Soft start and soft stop

Benefits for professionals

Easy integration

- Seamless integration to match any interior decor
- Thin round head for a smooth transition into the shade and tube profile
- Smaller light gap to minimize light leakage
- Interchangeable head color (black and grey) to match fabric, hardware style, and color
- Fits smaller diameter tubes (suitable for internal diameters of 31mm or more)
- Ideal for small, narrow windows to maximize viewable window area

Easy installation

- Single CAT-5e or higher ethernet cable carries power and data
- Ethernet network cabling that does not require a qualified electrician
- UL listed

- IEEE 802.3 at Type2 (30W) power requirement
- Low voltage power for safe and easy wiring
- Up to 328 feet from the PoE switch to the motor

Easy setting

- Connect directly to the motor via a web GUI (no physical setting tool required)
- Somfy Synergy™ API available for easy driver development
- Soft stop and soft start independently adjustable
- Adjustable speed, independently adjustable in each direction

Secure protocol

- Certificate + PIN code to secure TCP/TLS AES-128 encryption over UDP
- Somfy Synergy™ API
- CoAP
- Manufacturer Usage Description (MUD) file available for secure network configurations

Benefits for end users

Comfort, convenience, and privacy

- Convenient solution for glare reduction and privacy
- Superior quiet performance
- Manage natural light and privacy via timed scenes and schedules

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)
- Low-voltage wiring that is safe and out of sight

Easy to use and maintain

- Controlled by major third-party systems
- Get real time feedback on shade position
- Hardwired, maintenance-free solution

Safety and reliability

- No hanging cords, provides a child-safe and pet-friendly solution
- Somfy quality and warranty

somfy

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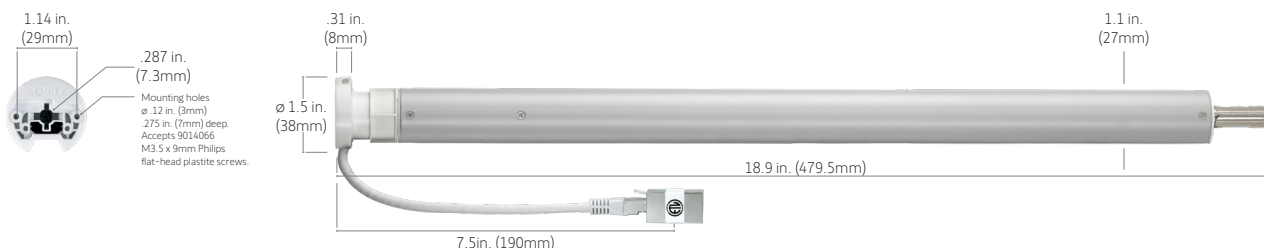
Item #: 1241147

Technical data

Voltage Supply & Tolerance	48V DC (42.5V DC –57V DC)
Power Supply Type	PoE switch IEEE 802.3 at Type2 (30W)
Thermal Protection	5 minutes
Repeatability	+/-5°
Cable	CAT-5e SF/UTP (Shielded and Foiled with Unshielded Twisted Pair) – RJ45 7.5 in. (19cm) pigtail
Index Protection Rating	IP30 (interior use only)
Limit Switch Unit	Electronic , encoder based
Temperature Working Range	From 32°F to 140°F (0°C to 60°C)
Insulation Class	Class III
Sound Level*	<47 dB(A)*

*Noise Level: Power Level according to standards ISO3741 in dB(A) re1pW Typical Value at nominal torque without end product.

Dimensions



Cables

CAT-5e SF/UTP – RJ45 7.5 in. (19cm) pigtail with RJ45 shielded female to female coupler, #9028957



Optional Head Covers:



Optional Grey
#9027133



Optional Black
#9027134



White (supplied with motor)
#9027132

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	

Performances

Nominal Torque	1.5Nm
Nominal Speed	25 +/- 0.4 rpm
Adjustable Speed	10 to 28 rpm
Protocol	Protocol Somfy Synergy API, CoAP
Security	Certificate + PIN code to secure TCP/TLS AES-128 encryption over UDP
Power source distance	328 ft.
Nominal power	<18W
Standby Power	<1.4W

Certifications



Recommendations

Somfy recommends CAT-5e or higher SF/UTP (Shielded and Foiled with Unshielded Twisted Pair) for installations with high electromagnetic emissions and applications that can produce high electrostatic charging due to excessive friction. Certain shade applications, due to the design and style, can generate high levels of electrostatic charging. It is best to manufacture shades such that ESD is safely removed via bracket or other grounding hardware.

In order to minimize electrostatic charging, end products should avoid:

- Fabric friction with other fabrics like in Zebra and dual shade applications
- Fabric friction with other parts of the end product such as fascia, cassette, and guide rails
- Multiple Up & Down cycles in a row without ample rest (approximately 15min) to dissipate electrostatic charging
- Use of small diameter tubes where the ID of the tube is too close to the motor tube itself

