



# Sonesse® 30 PoE

Part #1049456



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.

## 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

- 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

- Hardwired, maintenance-free solution

### Discreet integration and home harmony

- Smaller diameter to maximize viewable window space

### Easy to use and maintain

- Controlled by major third-party systems
- Get real time feedback on shade position

### Safety and reliability

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

## 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





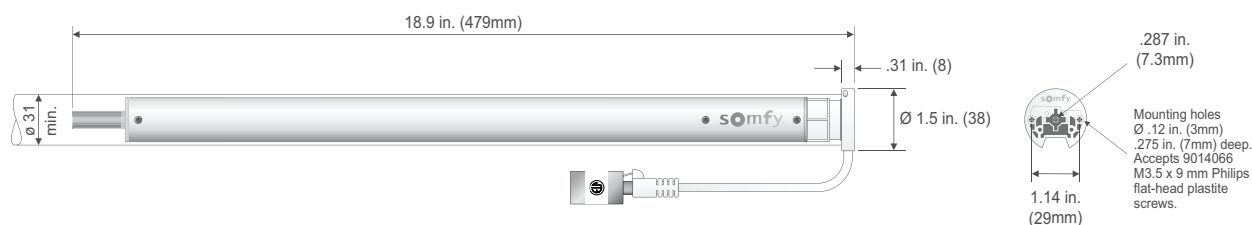
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## TECHNICAL FEATURES

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

## DIMENSIONS



## SPECIFICATIONS

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
Sound level*	<47 DB(A)*

### \* 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.

## CABLES

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

