Sonesse® 40 AC Zigbee



The Sonesse® 40 AC Zigbee motor is a connected, bi-directional, quiet 120V/60Hz AC wired motor dedicated to a wide range of interior window coverings. It features a powerful range of lifting capacities (4, 6, and 9 Nm) within a smaller overall footprint to fit narrow window openings.

TaHoma® pro app

Scan a unique motor QR code and follow a simple, step-by-step process to configure motor settings and end limits to save time.



Android iOS

Compatible end-products



Roller shades | Roman shades | Woven woods | Pleated shades* | Cellular shades* | Layered/ Zebra shades | Projection screens | Horizontal blinds*

*Using CTS40

PEP EcoPassport
LEED v4.1 (1 credit) with products having an EPD (Environmental Product Declaration) with a focus on sustainability

Main functionalities

- Designed for silence
- Position feedback
- Openness of the Zigbee protocol
- Quick & easy settings
- Mesh network router
- "my" function
- Tilting
- Works with Apple Home

Benefits for professionals

Easy installation

- Seamless integration to match any interior decor
  - Thin round head for smooth transition into shade and tube profile
  - Interchangeable head color (white, black, and grey) to match fabric and hardware style or color
  - Recessed interchangeable metal adaptor plate compatible with all hardware systems
  - Smaller light gap to minimize light leakage
- Fits small diameter tubes (suitable for an internal diameter of 38mm or more)
- Ideal for narrow windows to maximize viewable area
- UL listed to comply with local building codes and requirements

Easy integration

- Easily integrates with third-party control systems when used with TaHoma® switch

Easy programming and adjustment with TaHoma® pro

- Allows for quick and easy configuration of motors and operational settings to simplify the installation process
- Installation and programming done directly from the app: intuitive step-by-step programming instructions
- Integrated button on the motor head allows for leaving the network and full reset
- LED feedback for easy troubleshooting
- Acts as a Zigbee® mesh network router to extend radio range

Maintenance

- Dedicated maintenance tool, Serv-e-Go®

Sustainable

- Eco-designed approach minimizes the impact on the environment
- Consumes less than 0.5W in standby mode to reduce energy usage
- Shades can contribute to a reduction in energy consumption
- Provides a PEP Ecopassport Environmental Product Declaration for LEED V4.1 credit

Reliability and services

- Highly secure protocol
- Somfy quality and warranty

Benefits for end users

Comfort, convenience, and privacy

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

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)

Easy to use and maintain

- Easily control shades with the TaHoma® app
- Get real time feedback on shade positioning via a smartphone or tablet
- Hard-wired, maintenance-free solution

Go hands free with voice control

- Compatible with voice control assistants (with TaHoma® switch and Amazon Alexa, Google Home, or Apple Home)

Sustainable

- Intelligent solar protection ensures improved energy efficiency that reduces CO2 emissions

Safety and reliability

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

Sonesse® 40 AC Zigbee

Item #: 1245920 Sonesse® 40 Zigbee 404S2 with Fast Connector
Item #: 1245921 Sonesse® 40 Zigbee 406A2 with Fast Connector
Item #: 1245922 Sonesse® 40 Zigbee 409R2 with Fast Connector

Technical data

Voltage Supply	120V/60Hz AC
Index Protection Rating	IP 31 (for indoor use only)
Limit Switch Type	Electronic
Limit Switch Capacity	250 turns
Temperature Working Range	32°F to 140°F (0°C to 60°C)
Insulation Class	Class II
Thermal Protection	4 minutes
Repeatability	+/-4°
Antenna	6.9 in. (17.5cm) wire length, must not be cut or lengthened. For greatest RF range, antenna must be out of the rail/tube/cassette.

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.
- Inside Tube Diameter (ID) > or = 38mm must be respected to prevent contact with the basic motor tube.
- 400 Series Drive Stop and Screw (#9147894) is recommended to prevent noise and drive wheel separation from motor shaft.

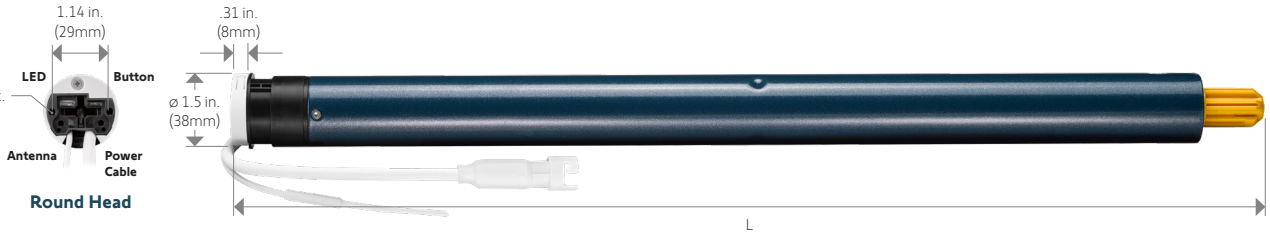
Power Cable

Cable type: White 2-conductor SVT 2 - AWG 18 : 0.824 mm² /
Fast Connector 7.9 in. (20cm)



Dimensions

2 mounting holes for self-tapping screws M4 x 8mm (cat #9026094) spaced 1.14" (29mm) apart. Self-tapping mounting screws are included with each motor.



Performances

Torque (Nm)	4	6	9
Speed (rpm)	36	24	14
Motor Length (L) in./mm	20.2 in. (514mm)	21.5 in. (545mm)	
Rated Current (Amp)	0.79	1	1
Radio Frequency	2.4 GHz		
Radio Protocol	Zigbee 3.0 / Bluetooth 4.2		
Stand By Consumption (W)	0.5		
Sound Level dB(A)*	42	44	40

***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.

Integrated Motor Plates (sold separately):

9025997	Sonesse 40 Motor Plate Rollease R16-24 15.9 x 1.8mm & screws	
9026000	Sonesse 40 Motor Plate Rollease RBGAL 16 x 3.2mm & screws	
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	

Optional Head Covers:


White (supplied with motor) #9026090


Optional Grey #9026091


Optional Black #9026092

Certifications

5 YEARS WARRANTY

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