

Sonessse® ULTRA 50 DC RTS

New Square Head

504A8 1134023



Radio Technology Somfy (RTS) allows for wireless radio control of motorized window coverings via the RTS family of controls.

Technical Features

Dimensions

NEW Sleep Mode

New feature that allows for advanced programming and grouping.

Voltage Supply

24V DC

Index Protection Rating

IP 20 (interior)

Limit Switch Type

Electronic

Limit Switch Capacity

38 Turns

Temperature Working Range

32°F to 140°F (0°C to 60°C)
(interior use only)

Insulation Class

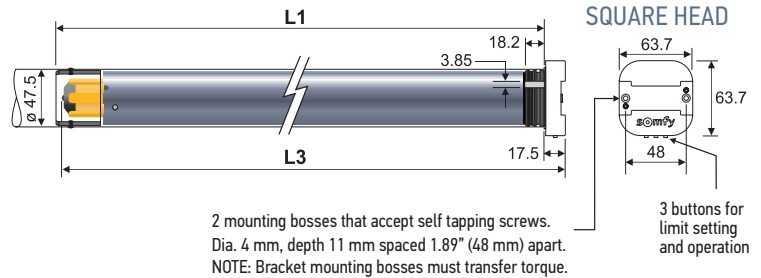
Class 3

Wiring

In accordance with NEC and local electrical codes.

Power Supply

Use only Somfy's power supplies to maintain UL listing requirements and guarantee motor's performance.



Dimensions

L1	30.7 in. (780 mm)
L3	31.5 in. (800 mm)
Data & Power Cable Length	10 in. (250 mm)

Specifications

- * **Minimum Torque:** Minimum application weight to ensure smooth operation.
- ** **Sound Level:** According to standards ISO 3741 NF 31022 in dBA ref 1pW at nominal torque without end product.

Fabrication Recommendations:

- Operational noise level is reduced when the 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.
- Due to the variances of standard aluminum extrusion tolerances, it is recommended to screw the drive wheel & pin end to immobilize them and ensure quiet performance throughout the life of the product.
- Interior Tube Diameter (ID) > 47 mm must be respected.
- A motor crown adaptor between motor and end product tube is required to ensure concentric operation of the motor.
- 500 Series Drive Stop and Screw (9910004) is recommended to prevent noise and drive wheel separation from the motor shaft.
- Somfy Soft Clip Drive Wheel Adaptors (brown in color) are not recommended.

Torque	4 Nm
* Minimum Torque	0.4 Nm
Nominal Voltage	24V DC
Rated Current	1.5A
Speed	10-25 Adjustable
Thermal Protection	5 minutes
** Sound Level	≤ 38 dBA



Pigtail: Data and Power (Included with every motor. Also available separately, part # 9020005).

<p>JST to Motor</p>	<p>Weidmuller Connects to Network</p>	<p>Cable Detail View</p>	<p>Connector Markings Detail View</p> <p>Font: Ariel Height: 2.3 mm Color: Black</p>	<p>Maximum Power Cable Length (to guarantee characteristics)</p> <table border="1"> <thead> <tr> <th>GAUGE</th> <th>LENGTH</th> </tr> </thead> <tbody> <tr> <td>14 AWG</td> <td>240 ft.</td> </tr> <tr> <td>16 AWG</td> <td>150 ft.</td> </tr> <tr> <td>18 AWG</td> <td>100 ft.</td> </tr> </tbody> </table>	GAUGE	LENGTH	14 AWG	240 ft.	16 AWG	150 ft.	18 AWG	100 ft.
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