



Skyco Shading Systems, Inc.

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Somfy
DESIGNED FOR
SILENCE

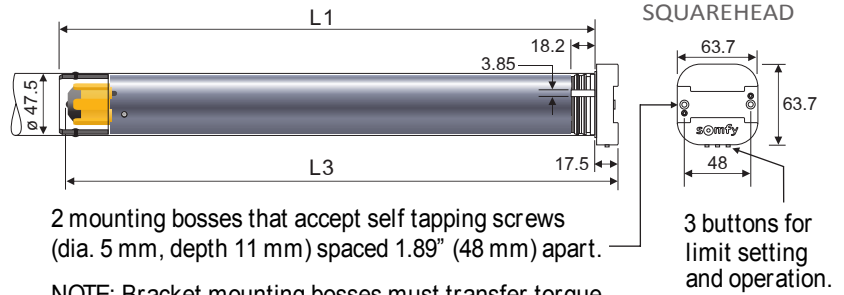


Radio Technology Somfy (RTS) allows for wireless radio control of motorized window coverings via the RTS family of controls.

Technical Features

Voltage Supply	24VDC
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.

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.

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

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.
- 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) > 47.5 mm must be respected.
- A motor crown adaptor between motor and end product tube is required to ensure concentric operation of motor.
- 500 Series Drive Stop and Screw (9910004) is recommended to prevent noise and drive wheel separation from motor shaft.
- Somfy Soft Clip Drive Wheel Adaptors (brown in color) are not recommended.



Pigtail: Data and Power

<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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