

## Specification: Internal Roller Blind Motorisation

### Somfy Sonesse 50 RS485 Quiet Digital Motor Specification

The roller blind motor shall be a Somfy Sonesse 50 RS485 manufactured by Somfy SAS, 50 Rue du Nouveau Monde, 74300 Cluses, France and supplied by Somfy Pty. Limited, 9/38-46 South St, Rydalmere NSW 2116. Ph +61 2 8845 7200, [www.somfy.com.au](http://www.somfy.com.au)

Somfy Sonesse 50 RS485 quiet digital motors with encoder are designed to be connected to Somfy animeo KNX RS485 Motor Controllers, animeo IP RS485 digital façade management solution and are available in the following torques and speeds;

- 10Nm 28rpm
- 15Nm 17rpm

The selection of the Somfy Sonesse 50 RS485 motor model shall be done in conjunction with the roller blind manufacturer and is dependent on the dimensions of the blind and if blinds are linked.

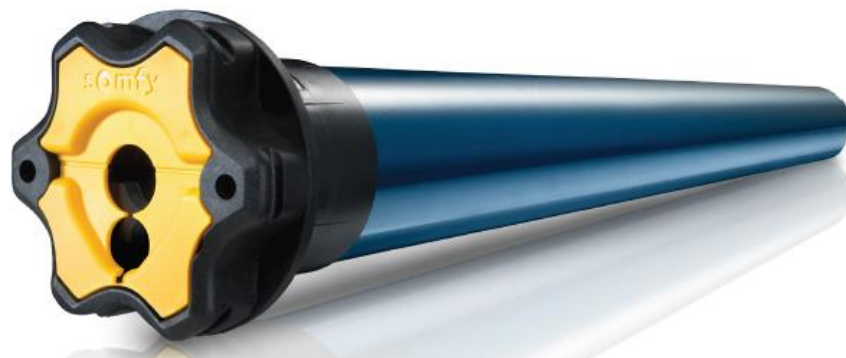
**Noise Level:** Noise level pressure shall be less than 48 dB(A), measured in an end product, with a sonometer located 1M away from the end product, according to Somfy measurements with highest value under load in an upward direction for a minimum of 10 seconds.

**Feedback and Alignment:** Somfy Sonesse 50 RS485 digital motors can give positional feedback and are designed for accurate alignment.

**RCM Compliancy:** Somfy Sonesse 50 RS485 motors are RCM compliant.

**RoHS Compliancy:** Somfy Sonesse 50 RS485 motors comply with RoHS Directive, 2002/95/EC: restriction of the use of certain hazardous substances in electrical and electronic equipment.




**Installation:** Motors have to be installed, connected and set in accordance with Somfy instructions and in compliance with federal, state or local regulation. Installation contractor is responsible for site measurements and suitability of mounting surface. Can only be installed in an internal environment.





## Control Options:

Somfy Sonesse 50 RS485 motors may be controlled by Somfy solutions including;

		
<b>KNX RS485 Motor Controller</b> Controls up to 6 RS485 motors using the global KNX building control protocol.	<b>animeo IP RS485</b> Blind Control System directly switching Sonesse 50 RS485 motors over an IP and RS485 based network.	<b>WebRemote</b> Allows control of blinds via a web page from a user's computer, tablet or smartphone.

For details on the full range of Somfy RS485 control solutions contact Somfy Projects on +61 2 8845 7200.

## Electrical Wiring:

Somfy Sonesse 50 RS485 motors have an active (brown), neutral (blue) and earth (green/yellow) cable and only require connecting to 230VAC power. It is recommended that it is possible to isolate each motor from power for programming and any servicing of the blind(s). All Somfy motors are available with a discreet in-line male/female power connector.

A secondary RS485 digital control cable connects the Sonesse 50 RS485 motor to the control solution.

## Care and Maintenance:

Somfy motors have no maintenance or cleaning requirements when installed and handled as per instruction. Operating conditions are Temperature 0oC to +60oC, Humidity max 85% at 30oC. Somfy motors have a 5 years warranty starting on the date of manufacture of the motor; this warranty can be extended another 2 years when connected by Somfy Electrical Services.

## For further details contact:

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## Disclaimer:

This document records Somfy's best knowledge at the date of issue.



Due to continuing product development Somfy reserves the right to update technical information without notice.

Somfy's responsibility for the product as shipped is subject to Somfy's Terms of Trade, a copy of which is available upon request.

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