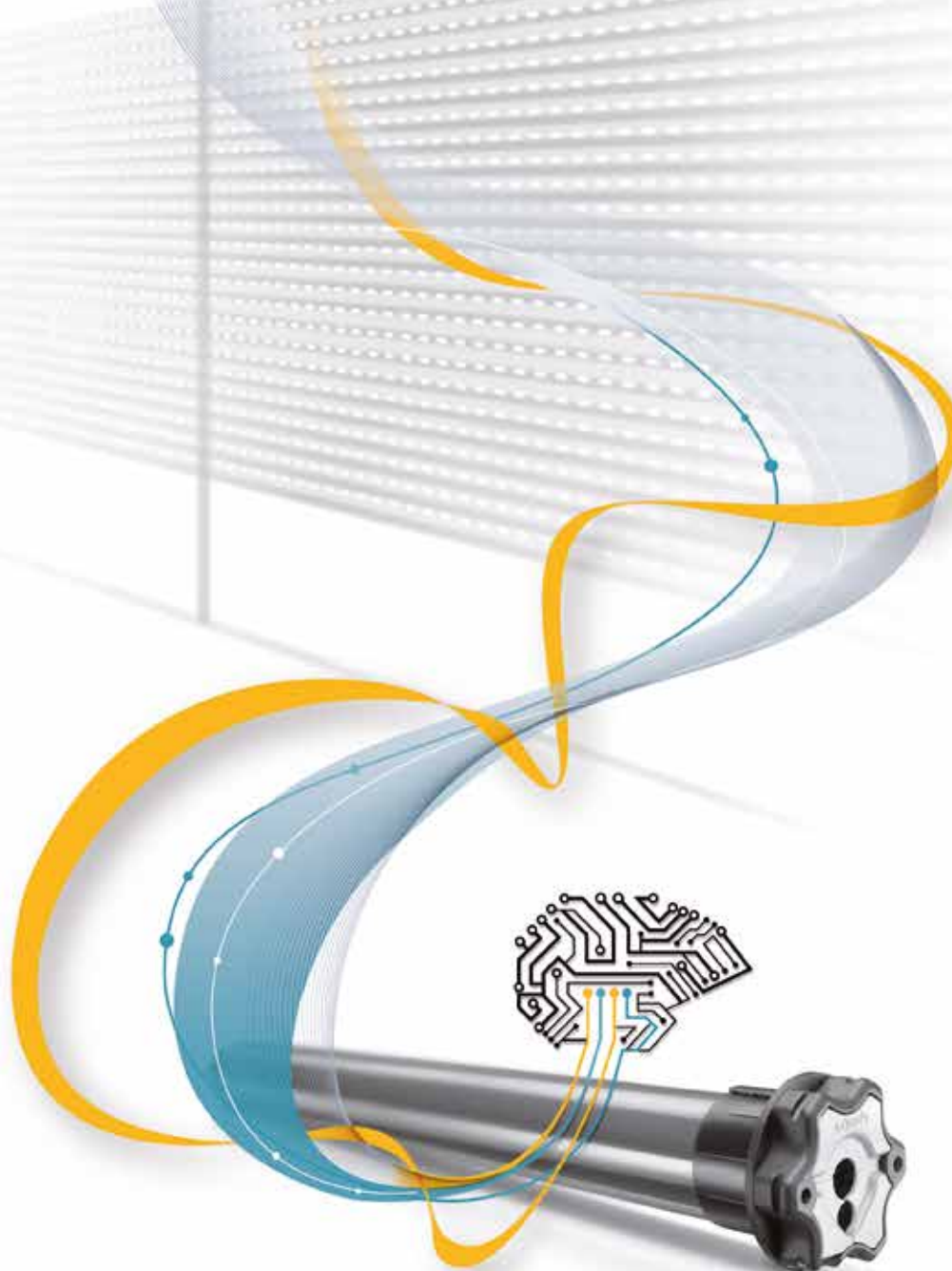


smart&smoothoperator® / RS100 io

Somfy reinvents the movement of roller shutters.

# mastered mouvement



# SOMFY REINVENTS THE TUBULAR MOTOR

S&SO  
PATENTED TECHNOLOGY

## smart

100%

- CONNECTED
- EASY TO INTEGRATE  
AND INSTALL
- RELIABLE

Somfy innovates with the first intelligent tubular motor reinventing the rolling shutter movement.



## smooth\*

100%

- MASTERED MOVEMENT
- ACOUSTIC COMFORT
- PROTECTIVE MOVEMENT

Somfy sets a new benchmark in terms of visible quality, acoustic comfort and reliability.



smart&smoothoperator®

# smart

## The 1<sup>st</sup> intelligent tubular motor

More added value to rolling shutters



S&SO RS100 motor

### 100% CONNECTED

An outstanding connected motor

- It meets the integrator's traceability demands.
- Compatible with TaHoma and Connexoon for a connected home and equipment.
- It is ready for the connected home.

### 100% SIMPLE TO INTEGRATE

Makes a difference from the integration

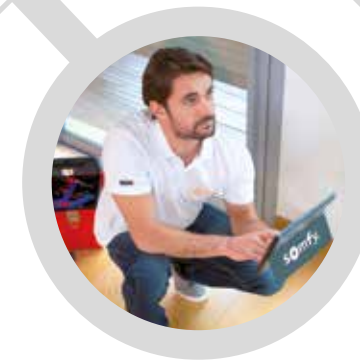
- The S&SO RS100 motor is adapted to the assembler's manufacturing process.
- Motor settings can be customized for each shutter.
- Increased productivity: pairing by barcode and roll up in high-speed mode (>32rpm).



EVEN MORE ADDED VALUE  
WITH THE NEW  
CONFIGURATION TOOL

#### EMS2

Benefit from all  
the advanced features  
of the S&SO RS100 motor  
from integration. Fully  
integrated during your  
manufacturing process:  
no risk of a mistake!



### 100% EASY TO INSTALL

The 1<sup>st</sup> Plug & Play wireless motor

All S&SO RS100 motors are double-insulated.  
Fully adaptable: to suit every kind of installation.  
Setting or resetting limit end-limits is intuitive, without  
a double power cut, and with automatic detection  
of the rotation direction.

- S&SO RS100 io, for renovation projects:



100% secure technology, optimal radio reliability.  
Real time feedback.  
Protocol shared with the major  
connected home brands.

- S&SO RS100 io Hybrid, for new-build:



A motor drive that combines wired controls  
and io-homecontrol® radio technology to  
prepare the site for the home automation world.



EVEN MORE ADDED  
VALUE WITH THE  
INSTALLATION TOOL

#### SET&GO io

Benefit from all  
the advanced features  
of S&SO RS100 with the  
Set&Go io installation.

### 100% RELIABLE

The new quality standard

- Five times more reliable.
- Components and technology tested over 17,500 cycles.



smart&smoothoperator®

# smooth

## Somfy is reinventing the way the rolling shutter moves

A feeling of well-being in the home

### MASTERED SMOOTH MOVEMENT

- The S&SO RS100 benefits from Soft start/Soft stop.
- Movement is totally controlled, coming to a gentle stop to protect the rolling shutter.
- Two-speed motor, to adapt the movement of the shutters to suit your preferences.

### PROTECTIVE MOVEMENT

- Detection more sensitive of the obstacle.
- Automatic adjustment of sensitivity threshold to the obstacle detection.
- The S&SO RS100 motor is fitted with a frost detector.

### ACOUSTIC COMFORT

- The S&SO RS100 motorized shutter provides enhanced acoustic comfort in the house.
- In "discreet mode" the rolling shutter is silent.



Somfy  
DESIGNED FOR  
SILENCE

Make silence the new standard. By choosing the Somfy DESIGNED FOR SILENCE motor drives, you provide unparalleled acoustic comfort.

smart  
PROTECT

NEW

**S&SO RS100 motor is equipped with SMART PROTECT function**

This function provides an extra protection of the rolling shutter.



**S&SO RS100, An ACT FOR GREEN motor**

Somfy is committed to reducing its environmental impact with eco-designed products.



# MORE THAN A MOTOR, A COMPLETE ECO-SYSTEM

Smart&Smooth Operator combines the best of Somfy's innovation, for greater productivity during integration and installation, more custom-made solutions, a superior maintenance service and greater comfort for the inhabitants.

CONFIGURATION  
TOOL  
**EMS2**



INSTALLATION  
TOOL  
**SET&GO io**



MOTORS  
**S&SO RS100 io**  
**S&SO RS100 io HYBRID**



CHOICE OF CONTROL

**io CONTROLS** (Smoove RS100 io, Situo io, Nina io) **AND CONNECTED SOLUTIONS** (TaHoma, Connexoon)






# THE NEW STANDARD FOR ALL ROLLING SHUTTERS

For all sizes of shutters, with or without rigid links and end-limits.  
Compatible with io-homecontrol® technology, 100% Plug & Play.

## S&SO RS100 io / S&SO RS100 io HYBRID



Power supply	230 V
Power supply range	195.5 - 255 V
Frequency	50 Hz
Connections	io: 2 / io HYBRID : 4
Cables	0.75 mm²
Protection index	IP44
Operating temperature	Normal use: -10°C to +40°C Exceptional use (20% of operating life, not simultaneous): -25°C to +70°C
Certifications	  

PERFORMANCE				
Nominal torque (Nm)	6	10	15	20
Nominal speed (rpm)	17 rpm	(Adjustable between 12 rpm and 17 rpm)		
Discreet speed (rpm)	8 rpm	(Adjustable between 6 rpm and 10 rpm)		
Rated power (W)	40	55	80	100
Max. intensity (A)	0,3	0,4	0,65	0,8
Weight (kg)	1,198	1,323	1,452	1,673
DIMENSIONS (mm)				
L1 max.	464	478	521	538
L2 (+ 3mm)	449	463	506	523
L3 max.	470	484	527	544
Tube	410	424,2	467	484,5



100% secure technology, optimal wireless reliability.  
Real time feedback.  
Protocol shared with the major connected home brands.



Combination of a wired and a wireless installations.  
Ideal for new build.  
Access connected home with a wired motor is now possible.

### CONTROL OPERATING MODES

#### CONNECTED SOLUTIONS



**TaHoma®**  
Web operating interface to control all equipment in the home.



**Connexoon® Window**  
Dedicated interface to control "Window" equipment: Rolling shutters, external Venetian blinds, Velux, alarm, light, sensors and plugs.

#### CONTROLS



**Nina Timer io**  
Touch-screen control for operating the io-homecontrol® equipment in the house. Programmable clock functions, centralization, feedback.



**Nina io**  
Touch-screen control for operating io-homecontrol® equipment in the house. Centralized functions, feedback.



**Situio 1 et 5 io**  
1-channel or 5-channel remote control.



**Smoove RS100 io**  
1 channel wall-mounted control. Discreet function mode.

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