

## smart8smoothoperator°

# SOMFY REINVENTS THE TUBULAR MOTOR DRIVE

S&SO
PATENTED TECHNOLOGY

# smart



CONNECTED

EASY TO INTEGRATE AND INSTALL

RELIABLE

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

smooth\*

100%

CONTROLLED MOVEMENT

ACOUSTIC COMFORT

PROTECTIVE MOVEMENT

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

Somfy sets the

3 \* Subsidiary translations

smart&smoothoperator°

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

More value added to roller shutters



## 100% CONNECTED

#### An outstanding connected motor

- It meets the traceability demands of integrators.
- It allows installers to diagnose faults on the roller
- remotely, with the PROTRACK tool. It has a control option via
- It is ready for the connected home.



a smartphone.

#### SIMPLE TO INTEGRATE

#### Makes a difference from the moment of installation

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



REMOTE DIAGNOSTIC AND MAINTENANCE SOLUTION.

> All the information is entered and stored in the motor. It can be read remotely at any time. So you can check the state of the roller shutter, pair a remote control or order a spare part without leaving the site Available in 2016



WITH THE NEW CONFIGURATION TOOL

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







**EVEN MORE VALUE** 

ADDED WITH THE

INSTALLATION TOOL

the advanced functionalities of

S&SO RS100 with the Set&Go io

SET&GO IO

installation.

Benefit from all

## 100% EASY TO INSTALL

### The 1st Plug & Play wireless motor

All Smart&Smooth Operator motors are double-insulated. Fully adaptable: to suit every kind of installation. Setting or resetting limit end stops is intuitive, without a dual cut-out, and with automatic acquisition of the direction of rotation.

#### • S&SO RS100 io, for renovation projects:



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

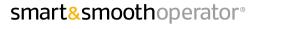
#### • S&SO RS100 io HYBRID, for new-build:



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



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



# Somfy is reinventing the way the roller shutter moves

A new sense of well-being in the home

### CONTROLLED SMOOTH MOVEMENT

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

### ACOUSTIC COMFORT

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

#### obstacle protection technology.

### PROTECTIVE MOVEMENT

- The motor detects the obstacle and stops Detection is ultra-sharp, for greater protection.
- The motor contributes to home security.
- The S&SO RS100 motor is fitted with a frost detector.



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

a motor ACT FOR GREEN

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





smart&smoothoperator®

05/12/14
EMS2 and SET & Go naming in (re) work
Protrak: Positioning of the offer - not yet validated at 09/12/14

INSTALLATION TOOL



DIAGNOSTIC AND MAINTENANCE TOOL FOR REMOTE CONTROL CONFIGURATION TOOL EM52



MORE THAN A MOTOR, A COMPLETE ECO-SYSTEM

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





CONTROL
CONNECTED
CONTROLS AND SOLUTIONS
tablet, smartphone,
computer

somfy

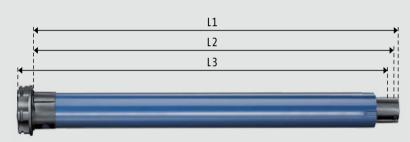
—PROTRACK-

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# THE NEW STANDARD FOR ALL ROLLER SHUTTERS

For all sizes of roller shutters, with or without rigid links and end-stops. 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 mm <sup>2</sup>		
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	CE DYE GERERITE		

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	



#### io-homecontrol®

100% secure technology, optimal radio reliability. Real time feedback.

Protocol shared with the major connected home brands.



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#### io HYBRID

Combination of a wired and a wireless installation. Ideal for new build. From now on, access to the connected home with a wired motor is possible.

#### CHOICE OF OPERATION

#### SOLUTIONS CONNECTÉES



#### TaHoma® interface

Web operating to control all equipment in the home.



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#### COMMANDES

## Nina Timer io

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

#### Nina Groupe io

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



#### Situo 1 and 5 io Remote control

1-channel or 5-channel.



#### Smoove RS100 io 1 channel wall-

mounted control Discreet function mode.

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