



Kabelbunden Styrning

Produkter

Chronis & Soliris Smoove

Interactive operating instructions



Chronis Smoove UNO
Chronis Smoove UNO S
Chronis Smoove IB+



Soliris Smoove UNO
Soliris Smoove IB+

Sun and wind automatic control, Soliris Smoove IB+ Pure White



> Sun and wind automatic control, Soliris Smoove IB+ Pure White

For Somfy IB+ bus system. Can be combined with standard tubular motors via electronic motor switches Smoove Uno IB+ or Moco 4 AC.

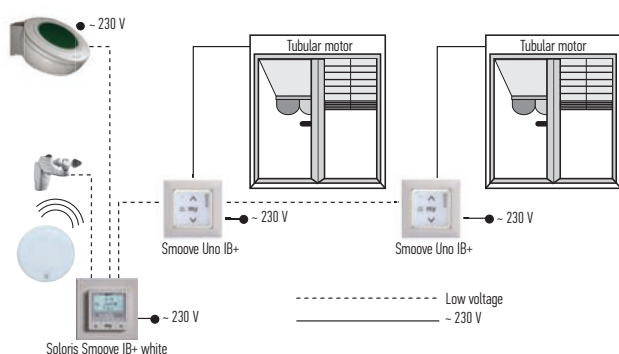
Automatically sends awnings up and down depending on the amount of sunlight and wind speed present.



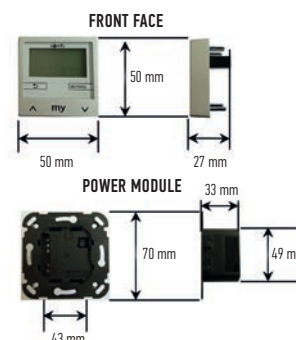
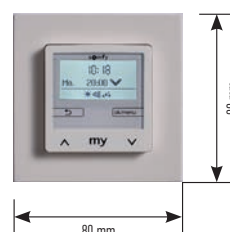
> Product advantages

- IB+ Bus system application.
- Design controls with display, background lighting and touch operation.
- Suitable wired sensors: Soliris sensor: sun and wind sensor / Eolis sensor: wind sensor / Ondeis sensor: rain sensor.
- Suitable io sensor: Sunis WireFree (II) io: sun sensor.
- Sun function can be switched off permanently (e.g. in the winter) or temporarily.
- Built in timer function
 - Can send the products to a specific position at a fixed point in time
 - to switch the sun function on and off automatically
 - to switch off the automatic operation temporarily and to reactivate it automatically
- Simple adjustment of sun and wind thresholds.
- Smart electronics ensure optimal delay times. This means no unnecessary up and down movement in changeable weather (sun with cloud).
- Supplied as standard with a white cover frame.
- The data can be quickly loaded or copied using the quick copy tool.
- Can be combined with electronic motor switches Smoove Uno IB+, Moco 4 AC.
- An "up" command is issued 2 s after the wind threshold has been exceeded.
- Replaces the Soliris IB

> Principle display



> Technical data



Power supply:	230 V ~ 50 Hz
Protection factor:	IP30
Operating temperature:	0 °C to +40 °C
Measuring range of the wind threshold value:	10-80 km/h (2-9 Bft)
Range of sun threshold:	0-60 Klux
Control time:	Permanent for wind signal

> Sun and wind automatic control for IB+ Bus systems

	ARTICLE NO.
Soliris Smoove IB+ Pure white + frame NE	1 818 316
Supplied as standard with a white cover frame.	
Surface-mounted box Smoove	9 019 972
Sunis WireFree II sensor io	1 818 285
Fixing bracket for Soliris Smoove IB+	9 018 000
For attaching in recessed boxes without screws	
Soliris sensor	9 101 474
Rain sensor Ondeis 230 V	9 016 345
Soliris solar cell	9 154 217
Eolis sensor WT	9 101 479

FIXED DELAYS

Sun comes: 2 minutes
 Sun goes: 30 to 15 minutes*
 Wind comes: 2 seconds
 Wind goes: 12 minutes

* If the quantity of light falls below 12 Klux, the delay becomes ca. 5 minutes.

Rain sensor Ondeis



> Rain sensor Ondeis

Sensor that detects rain and snowfall.



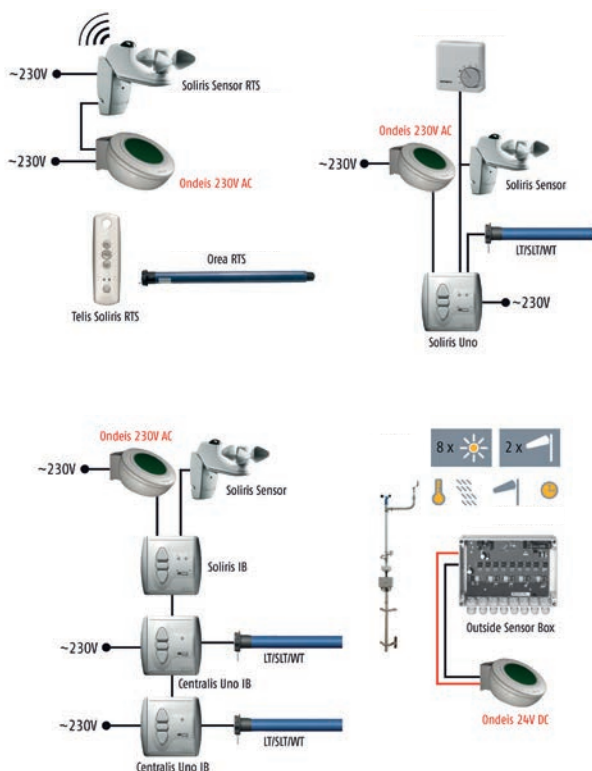
> Product advantages

- Rain and snow sensor that can be used with all operating controls that feature a potential-free input contact for sensors.
- Optimised precipitation detection
- Regularly cleaning of the surface helps for a better working
- Different assembly options
- Integrated self-regulating heating to dry the surface and to prevent ice formation
- Easy to install: 2-core cable for the power supply and a 2-core cable for the sensor contact
- Mounting to a wall or post possible

> Technical data

2 versions:	230 V ~ 50 Hz power supply 24 V dc power supply
Protection factor:	IP44
Operating temperature:	-20 °C to +60 °C
Switching capacity potential-free contact:	- Min. 1 mA at 30 Vdc or 230 VAC - Max. 2 A at 30 Vdc or 230 VAC
Standby consumption:	< 110 mW at 24 Vdc < 50 mW at 230 VAC
Automatic heating when the temperature drops below +5 °C	
Heating is switched off at +40 °C	
Dimensions:	115 x 100 x 85 mm
Not compatible with halogen or LED lights	

> Principle display



> Rain sensor

	ARTICLE NO.
Rain sensor Ondeis 24 Vdc	9 016 344
Rain sensor Ondeis 230 VAC	9 016 345

Central control switch, Smoove Origin IB

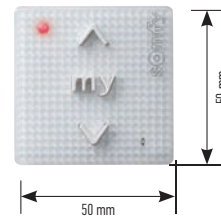


> Central control switch Smoove Origin IB

For among others the Somfy IB bus system. Can be combined with standard tubular motors via electronic motor switches Smoove Uno IB+, Moco 4 AC.



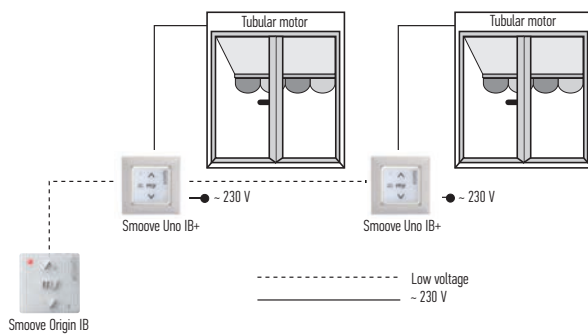
> Technical data



> Product advantages

- Pulse operation (single press of a button).
- Suitable for individual and central operation.
- Specifically suited for the combination with the electronic motor switch Smoove UNO IB+ or with Animeo IB/IB+, Somfy IB controls and FTS controls.
- The favourite position can be called up via the "My" button.
- Frame must be ordered separately.
- Suitable for wiring up to 1.5 mm².
- Only available in Pure version.

> Principle display



Supply voltage:	Weak current
Protection factor:	IP 20
Operating temperature:	0 °C to +45 °C

> Central control switch

	ARTICLE NO.
Smoove Origin IB	1 811 272
Mounting clips for flush-mounted installation	9 018 712
For installing in flushed-mounted boxes without screws	
Surface-mounted box Smoove	9 019 972

For corresponding frames, see page 298.

Electronic motor switch, Smoove Uno IB+



> **Electronic motor switch,
Smoove Uno IB+**

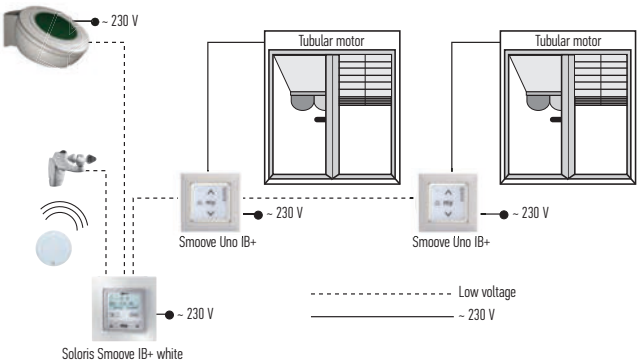
For Somfy IB and IB+ bus system.
Can be combined with 1 standard
tubular motor.



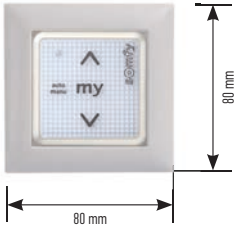
> **Product advantages**

- Suitable for individual operation.
 - Touch control
 - Is equipped with an integrated switch for the individual operation and a slide switch for switching central commands on and off (e.g. SUN).
 - Programming of 2 intermediate positions possible (e.g. automatic control down 1 metre by the sun).
 - Tilt function integrated
 - Available in 3 finishes: Pure, Black and Silver
 - Cover frame can be ordered separately. (See page 298)
- For surface-mounting: Combination with Jung surface-mounting box and adapter

> **Principle display**



> **Technical data**



Power supply:	220 - 240 V ~ 50/60 Hz
Protection factor:	IP40
Operating temperature:	+5 °C to +40 °C

> **Electronic motor switch**

	ARTICLE NO.
Smoove Uno IB+ Pure	1 811 203
Smoove Uno IB+ Black	1 811 205
Smoove Uno IB+ Silver	1 811 204
Mounting clips for Smoove Uno IB+ For installing in flushed-mounted boxes without screws	9 018 000
Surface-mounted box Smoove	9 019 972

Couple unit for 2 tubular motors



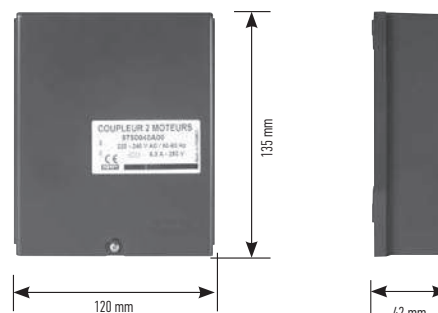
> Couple unit for 2 tubular motors

For large awnings in which the use of 2 tubular motors is required.

Note: Only applicable with 2 standard tubular motors of the same type and torque.



> Technical data



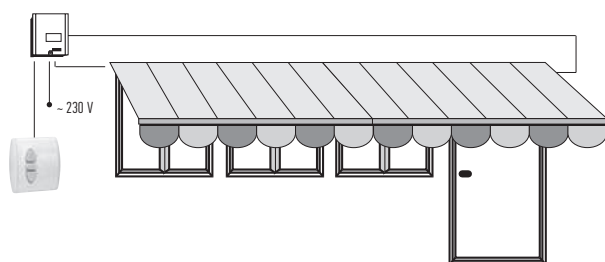
Power supply:	220/240 V - 50/60 Hz.
Protection factor:	IP40
Operating temperature:	-10 °C to +40 °C
Effective torque:	0.9 x sum of torque of both motors.

> Product advantages

- If 2 standard tubular motors are used in single tube, i.e. one motor on the 'left' and one motor on the 'right', then this couple unit regulates the end limits of both motors.
- To be used with a momentary position switch.
- For indoor use only.

> Principle display

Couple unit for 2 tubular motors



> Couple unit for 2 standard tubular motors

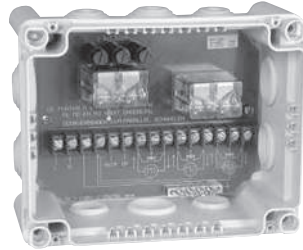
	ARTICLE NO.
Couple unit for 2 motors	9 750 040
Flush-mounted switch Inis Uno	1 800 013
Surface-mounted box, white	9 102 073
Surface-mounted box, grey	9 102 004

Relay box for 3 tubular motors, RK3 - 230 V



> Relay box RK3

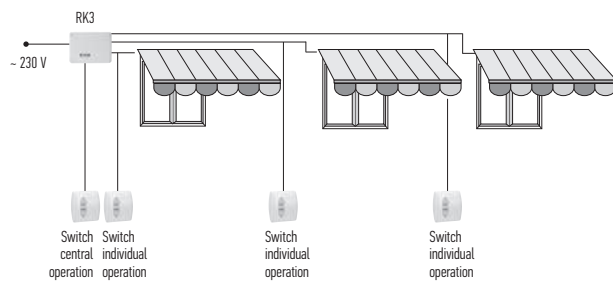
For connection of
3 standard tubular motors.



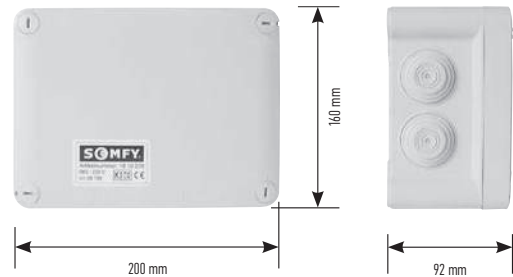
> Product advantages

- Suitable for central and individual operation.
- Each motor is individually fused.
- Mounted in impact-resistant plastic housing.

> Principle display



> Technical data



Power supply: 220 - 240 V

Protection factor: IP55

Operating temperature: -10 °C to +40 °C

Maximum contact load: 2 A

> Relay box RK3

	ARTICLE NO.
Relay box RK3 - 230 V	1 810 280

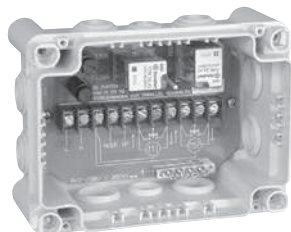
Contact Somfy for the number of Somfy WT motors connected in parallel that can be controlled by a relay box.

Relay box for 2 tubular motors, RK2 - 230 V

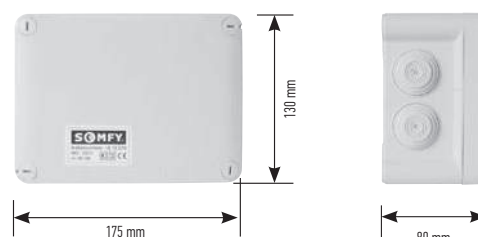


> Relay box RK2

For connection of 2 standard tubular motors.



> Technical data RK2



> Product advantages

- Suitable for central and individual operation.
- Each motor is individually fused.
- Mounted in impact-resistant plastic housing.

> Relay box TR2-U-E-230

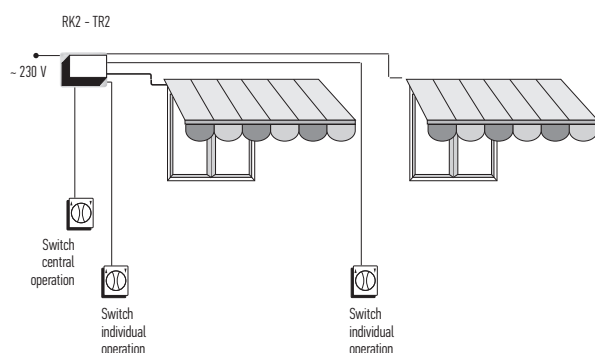
For individual and central control of 2 motors



> Product advantages

- Suitable for central and individual operation.

> Principle display



> Relay box RK2

	ARTICLE NO.
Relay box RK2 - 230 V	1 810 276

Contact Somfy for the number of Somfy WT motors connected in parallel that can be controlled are passed through a relay box.

> Technical data TR2-U-E-230



Power supply:	230 V - 50 Hz
Protection factor:	IP55
Operating temperature:	-10 °C to +40 °C
Maximum contact load:	2 A

> Relay box TR2-U-E-230

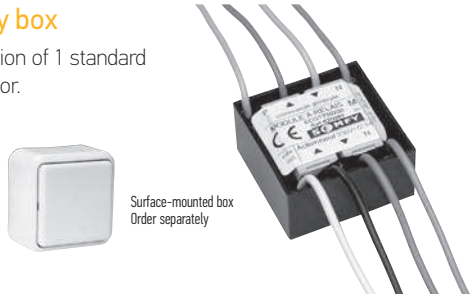
	ARTICLE NO.
Relay box TR2-U-E-230	1 822 000

Mini relay box for 1 tubular motor - 230 V



> Mini relay box

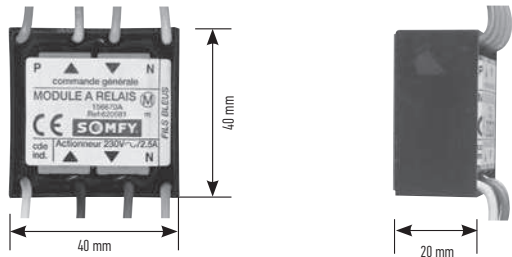
For connection of 1 standard tubular motor.



> Product advantages

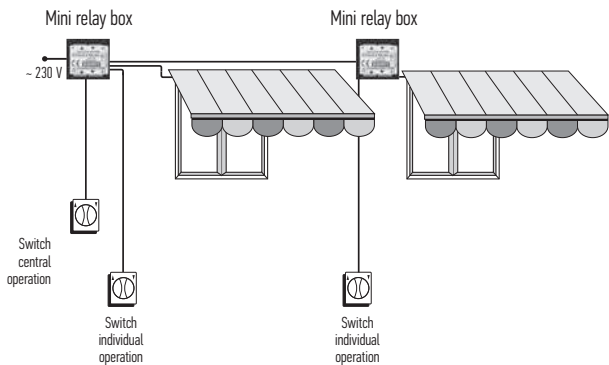
- Suitable for central and individual operation.
- Fits in standard flush-mounted box or in surface-mounted box, article no. 9 154 122.
- Can be combined with relay boxes RK2 and RK3 (please note that the "down" command has priority with group operation).

> Technical data



Power supply:	220-240 V ~ 50/60 Hz
Protection factor:	IP44 (flush-mounted)
Operating temperature:	-10 °C to +40 °C
Maximum contact load:	2 A

> Principle display



> Mini relay box

	ARTICLE NO.
Mini relay box - 230 V	1 810 068
Surface-mounted cabinet	9 154 122
Front panel	1 564 65A

Contact Somfy for the number of Somfy WT motors connected in parallel that can be controlled are provided by a mini relay box.

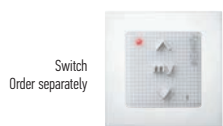
Wind protection, Eolis box 2



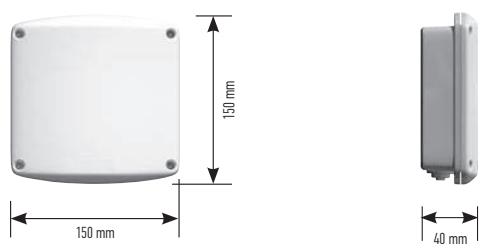
> Wind protection, Eolis box 2

Can be combined with 1 standard Somfy tubular motor or several Somfy WT motors up to max. 2 A.

Automatically controls the awning upwards based on the measured wind speed.



> Technical data

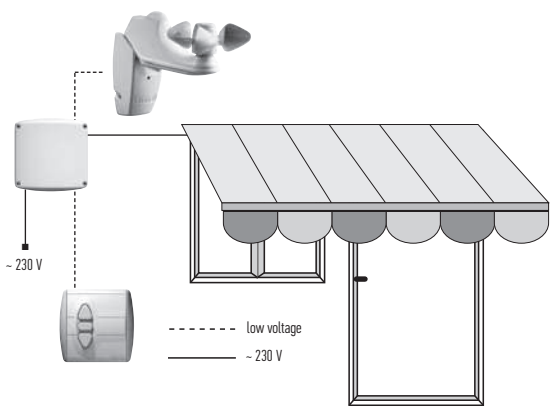


Power supply:	220-240 V ~ 50/60 Hz
Protection factor:	IP 44
Operating temperature:	-20 °C to +50 °C
Measuring range of the wind threshold value:	10-50 km/h
Send time to the motor:	3 minutes
Use with relay boxes is not permitted.	

> Product advantages

- Wind protection.
- Attractive design.
- Simple to set the wind threshold value (accessible behind the cover).
- An "up" command is issued 2 s after the wind threshold has been exceeded.

> Principle display



> Wind protection

	ARTICLE NO.
Eolis box 2	1 816 046
Eolis sensor WT	9 101 479
Smoove Origin IB	1 811 272
Surface-mounted box Smoove	9 019 972

Contact Somfy for the number of Somfy WT motors connected in parallel that can be controlled by an Eolis.

FIXED DELAYS

Wind comes: 2 seconds
Wind goes: 30 seconds

Sun and wind automatic control unit, Soliris Smooove UNO, Pure White



> Sun and wind automatic control unit, Soliris Smooove Uno, Pure White

Can be combined with 1 or (via relay box) more standard Somfy tubular motors or Somfy WT motors.

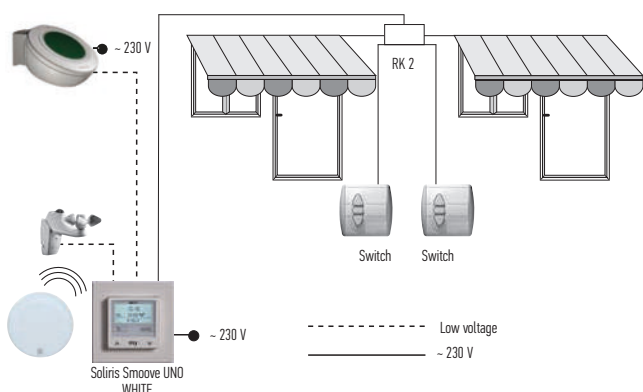
Automatically sends awnings up and down depending on the measured amount of sunlight and wind speed.



> Product advantages

- Design controls with display, background lighting and touch operation
- Suitable wired sensors: Soliris sensor: sun and wind sensor / Eolis sensor: wind sensor / Ondeis sensor: rain sensor
- Suitable io sensor: Sunis WireFree (II) io: sun sensor
- Sun function can be switched off permanently (e.g. in the winter) or temporarily.
- Built in timer function
 - can send the products to a particular position at a fixed point in time
 - to switch the sun function on and off automatically
 - to switch off the automatic operation temporarily and to reactivate it automatically
- Also suitable for louvre blinds
- Simple adjustment of sun and wind thresholds.
- Smart electronics ensure optimal delay times. This means no unnecessary up and down movement in changeable weather (sun with cloud).
- Can be used with relay boxes for multiple awnings when using standard Somfy tubular motors.
- Supplied as standard with a white cover frame
- The data can be quickly loaded or copied using the quick copy tool.
- 2 s after the wind threshold has been exceeded, an up command is given.
- Replaces the Soliris Uno

> Principle display

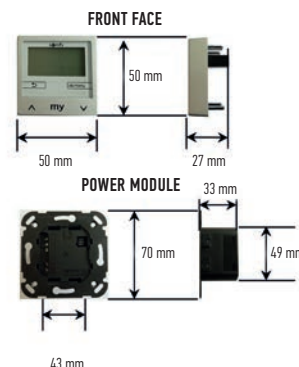
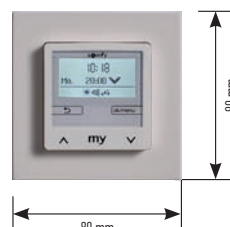


FIXED DELAYS

Sun comes: 2 minutes
Sun goes: 30 to 15 minutes*
Wind comes: 2 seconds
Wind goes: 12 minutes

* If the quantity of light falls below 12 Klux, the delay becomes ca. 5 minutes.

> Technical data



Power supply:	230 V - 50 Hz
Protection factor:	IP30
Operating temperature:	0 °C to +40 °C
Range of wind threshold:	10-80 km/h
Range of sun threshold:	0-60 Klux
Send time to the motor:	3 minutes (wind: permanent) if RK function has been activated

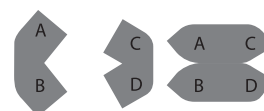
> Sun and wind automatic control

	ARTICLE NO.
Soliris Smooove UNO Pure white + frame NE Supplied as standard with a white cover frame	1 818 293
Surface-mounted box Smooove	9 019 972
Sunis WireFree II sensor io	1 818 285
Fixing bracket for Soliris Smooove Uno For attaching in recessed boxes without screws	9 018 000
Soliris sensor Combined sun and wind sensor.	9 101 474
Rain sensor 230 V (optional)	9 016 345
Quick copy tool	9 019 596

See page 298 for other Somfy frames or different switching material.

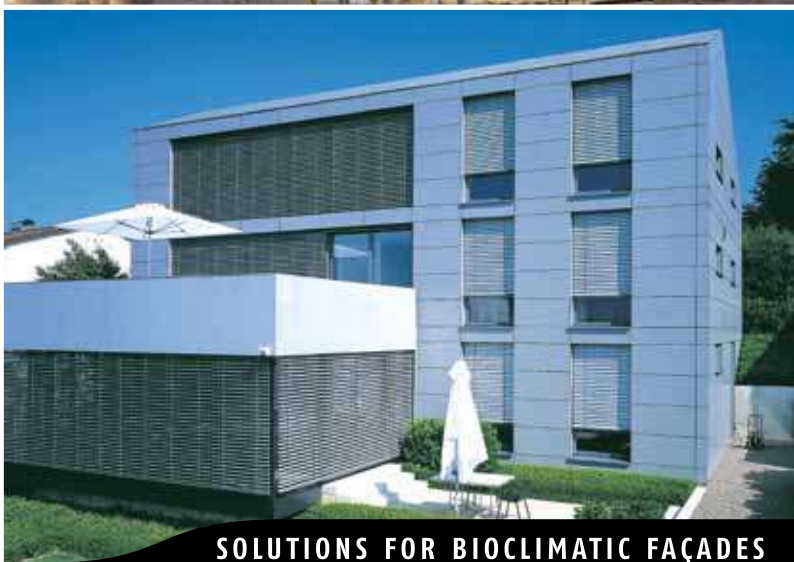
Please contact Somfy for the number of Somfy WT-motors connected in parallel that can be controlled by a Smooove Uno white.

> Sticker for restricting the detection angle of the solar cell



	ARTICLE NO.
Sticker for Soliris sensor	9 000 826

AVAILABLE
ON ORDER



SOLUTIONS FOR BIOCLIMATIC FAÇADES

animeo

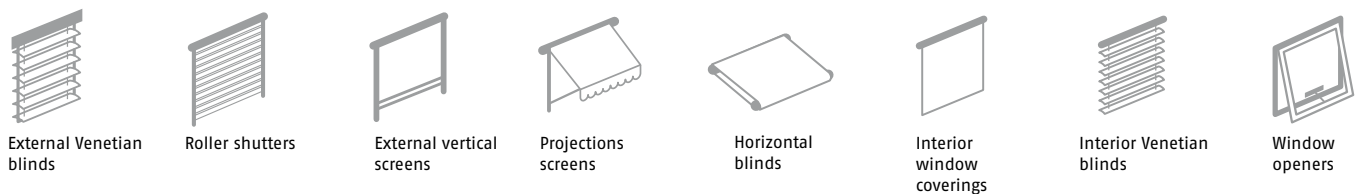
Range of Somfy controls for Commercial Buildings












somfy®

animeo is a range of intelligent controls to manage blinds and shutters within Commercial Buildings, designed to adapt to any façade configuration. By optimizing the management of air, sun and shade in buildings, animeo solutions actively enhance occupants' well-being while improving the building's energy performance:

- Heating and air conditioning costs are reduced.
- The occupants' visual and thermal comfort is optimized.
- The sun protection devices last longer.

animeo: compatible with all sunshading and opening devices



Motor controller guide		animeo			
		Solo	IB+	KNX	LON
For 230 V AC	Motor Controller 1 AC with push button Smoove Uno IB+   	NEW ✓	✓		
	Motor Controller 1 AC Wall mounted DIN Rail  	✓	✓		
	Motor Controller 2 AC Wall mounted DIN Rail  	NEW ✓	✓		
	Motor Controller 4 AC Wall mounted DIN Rail  	✓	✓	✓	✓
	Motor Controller 4 AC Plug connector Wall mounted 	NEW ✓ Wieland	✓ Wieland	✓ Wieland & Wago	
For 24 V DC External power supply	Motor Controller 4 DC Wall mounted 2,1 A / output 	✓	✓	✓	✓
For 24 V DC Integrated power supply	Motor Controller 4 DC/DC Encoder Wall mounted DIN Rail 500 mA / output  	✓	✓	Wall mounted version only	✓

animeo Solo

An easy-to-use system to control 1 or 2 zones, and dedicated to small commercial buildings.

Benefits

- **Easy programming and commissioning** through the LCD display.
- **Effective management of solar gains and light levels** to improve building energy performance and occupants' visual comfort.
- **Improves thermal comfort in summer**, automatically deploying the sun protection devices when sunlight is detected.

Application examples

Shops – Retirement homes – Small service sector buildings – Small commercial buildings



Outside sensors



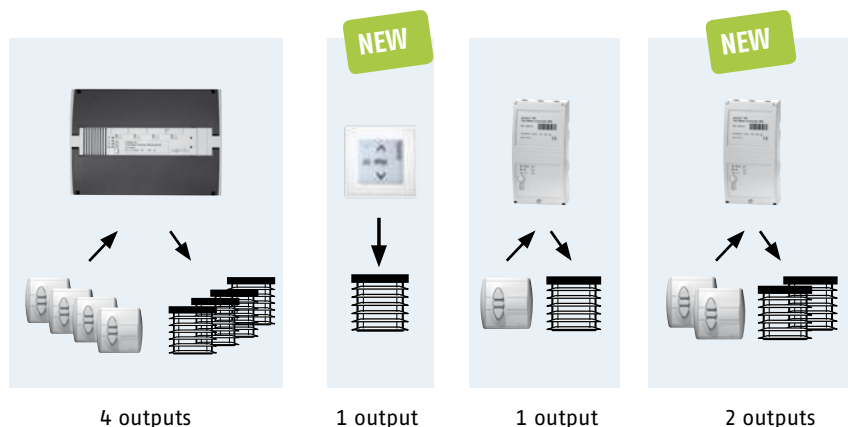
Building controllers



Compatibility with radio local control



Motor controllers



animeo IB+

An intelligent system to control 1 to 16 zones and dedicated to medium and large buildings.

Benefits

- Intuitive programming through the **animeo operating software** (PC-based) or the **operating interface**.
- **A single program to manage from 1 to 16 zones.**
- Highly effective **management of solar gains and light levels** to improve **building energy performance and occupants' visual comfort.**
- **Manual override** of automatic orders possible at a room level.

Application examples

Universities – Shopping centers – Large industry buildings – Large commercial buildings



Inside sensors (Optional)

Max 16x  Max 4x 



Max 2x Inside sensor box

Outside sensors (Solution 1)



Compact sensor

Outside sensors (Solution 2)



Outside sensor box

OR

Building controllers



Central control



Heating input



Cooling input



1 – 4 zones

OR



1 – 8 zones



9 – 16 zones

Operating options



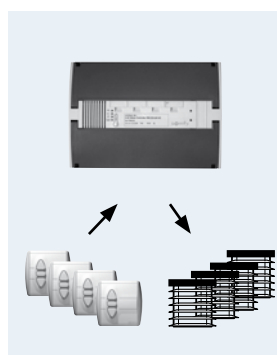
Operating software

OR



Operating interface

Motor controllers



4 outputs

NEW

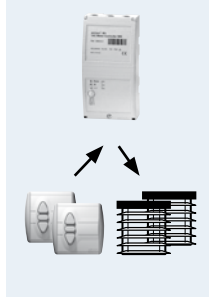


1 output



1 output

NEW



2 outputs

Compatibility with radio local control



Green, Smart, Wireless.
enOcean



Radio receiver



Adaptable façade management system compatible with KNX standards.
No zone limitation.

Benefits

- **Intuitive animeo KNX Operating Software:** simplified programming of all functions, such as wind direction and sun-tracking.
- **Manual override** of automatic orders possible at a room level.
- **Multi functional motor controllers** for every installation environment and **compatible with any kind of local control.**

Application examples

Medium & large office buildings – Commercial premises – High-end residential homes



Central KNX control

1-3 zones



Compact sensor



Building Controller AS 315 N



Inside temperature sensor

1-16 zones

KNX BUS



Sensor station





Outside sensor box



KNX Operating software



Master Control W8 (8 x )

Master Control W2 (2 x )

Local control options

Push button input



Universal binary input



Local radio control or radio control via



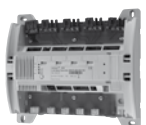
Motors controllers



Wall mounted for 230V-motors



DIN rail for 230V-motors



Plug connectors for 230V-motors



Wall mounted for 24V-motors



Wall mounted for 24V-motors with Encoder technology

Pluggable radio modules



radio receiver



KNX-RTS radio receiver

NEW

animeo LON

Interactive façade management system compatible with Lon standards.
No zone limitation.

Benefits

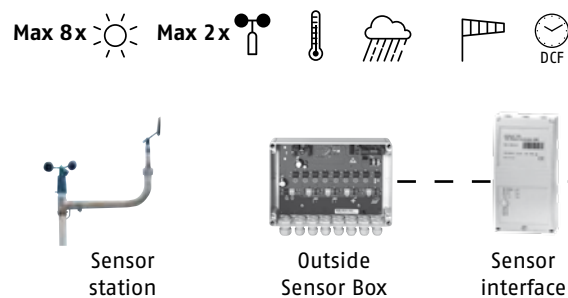
- Sun protection devices are managed in accordance with the **lighting, air conditioning and heating systems**.
- Cost-effective solution with the use of **Somfy Subnet technology**.
- Upgraded functions such as sun tracking and zone synergy.
- **Ergonomic configuration** by animeo Lon Design Suite, Lonmaker, NL Facilities Software, etc.

Application examples

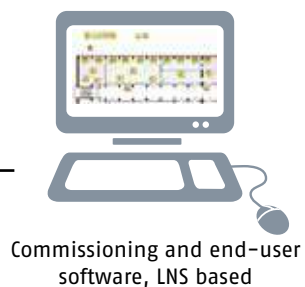
Office buildings – Large service sector premises



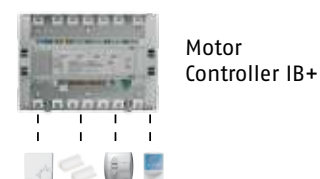
LON sensor interface



animeo LON Design Suite

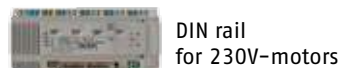


Application example



Somfy Subnet technology:
Max. 20 motors and 40 universal binary inputs per LON knot

Motors controllers



Pluggable radio modules



Local control through hand or wall transmitters

Rain sensor Ondeis



> Rain sensor Ondeis

Sensor that detects rain and snowfall.



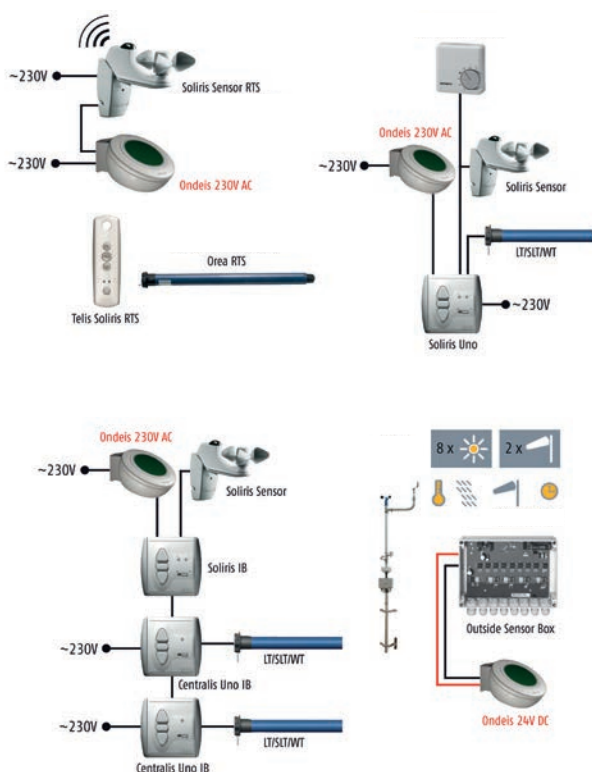
> Product advantages

- Rain and snow sensor that can be used with all operating controls that feature a potential-free input contact for sensors.
- Optimised precipitation detection
- Regularly cleaning of the surface helps for a better working
- Different assembly options
- Integrated self-regulating heating to dry the surface and to prevent ice formation
- Easy to install: 2-core cable for the power supply and a 2-core cable for the sensor contact
- Mounting to a wall or post possible

> Technical data

2 versions:	230 V ~ 50 Hz power supply 24 V dc power supply
Protection factor:	IP44
Operating temperature:	-20 °C to +60 °C
Switching capacity potential-free contact:	- Min. 1 mA at 30 Vdc or 230 VAC - Max. 2 A at 30 Vdc or 230 VAC
Standby consumption:	< 110 mW at 24 Vdc < 50 mW at 230 VAC
Automatic heating when the temperature drops below +5 °C	
Heating is switched off at +40 °C	
Dimensions:	115 x 100 x 85 mm

> Principle display



> Rain sensor

	ARTICLE NO.
Rain sensor Ondeis 24 Vdc	9 016 344
Rain sensor Ondeis 230 VAC	9 016 345

Central control switch, Smoove Origin IB



> Central control switch Smoove Origin IB

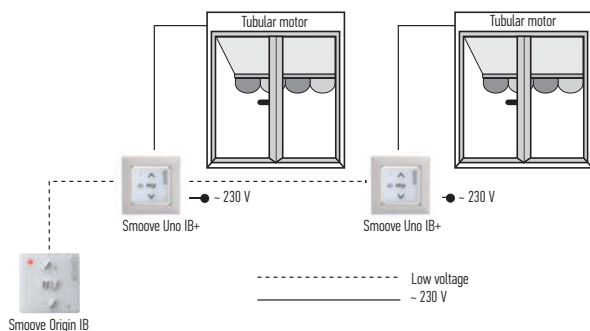
For among others the Somfy IB bus system. Can be combined with standard tubular motors via electronic motor switches Smoove Uno IB+, Moco 4 AC.



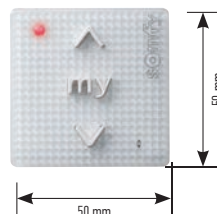
> Product advantages

- Pulse operation (single press of a button).
- Suitable for individual and central operation.
- Specifically suited for the combination with the electronic motor switch Smoove UNO IB+ or with Animeo IB/IB+, Somfy IB controls and FTS controls.
- The favourite position can be called up via the "My" key.
- Frame must be ordered separately.
- Suitable for wiring up to 1.5 mm².
- Only available in Pure version.

> Principle display



> Technical data



Supply voltage:	Weak current
Protection factor:	IP 20
Operating temperature:	0 °C to +45 °C

> Central control switch

	ARTICLE NO.
Smoove Origin IB	1 811 272
Mounting clips for flush-mounted installation	9 018 712
For installing in flushed-mounted boxes without screws	
Surface-mounted box Smoove	9 019 972

For corresponding frames, see page 209.



Electronic motor switch, Smoove Uno IB+

> Electronic motor switch, Smoove Uno IB+

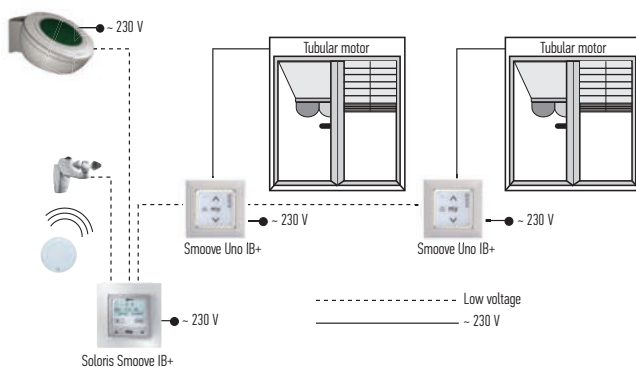
For Somfy IB and IB+ bus system.
Can be combined with 1 standard
tubular motor.



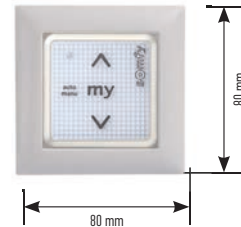
> Product advantages

- Suitable for individual operation.
- Touch control
- Is equipped with an integrated switch for the individual operation and a slide switch for switching central commands on and off (e.g. SUN).
- Programming of 2 intermediate positions possible (e.g. automatic control down 1 meter by the sun).
- Tilt function integrated
- Available in 3 finishes: Pure, Black and Silver
- Cover frame can be ordered separately. (See page 209)
- For surface-mounting: Combination with Jung surface-mounting box and adapter or with the Somfy surface-mounted box in the Smoove design

> Principle display



> Technical data



Power supply: 220 - 240 V ~ 50/60 Hz

Protection factor: IP40

Operating temperature: +5 °C to +40 °C

> Electronic motor switch

	ARTICLE NO.
Smoove Uno IB+ Pure	1 811 203
Smoove Uno IB+ Black	1 811 205
Smoove Uno IB+ Silver	1 811 204
Mounting clips for Smoove Uno IB+	9 018 000
For installing in flushed-mounted boxes without screws	
Surface-mounted box Smoove	9 019 972

Sun and wind automatic control, Soliris Smoove IB+ Pure White



> Sun and wind automatic control, Soliris Smoove IB+ Pure White

For Somfy IB+ bus system. Can be combined with standard tubular motors via electronic motor switches Smoove Uno IB+ or Moco 4 AC.

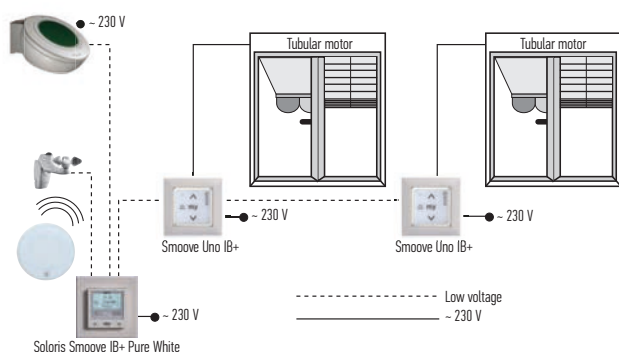
Automatically sends awnings up and down depending on the amount of sunlight and wind speed present.



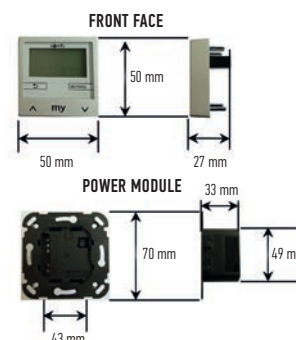
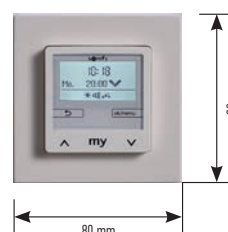
> Product advantages

- IB+ Bus system application.
- Design controls with display, background lighting and touch operation.
- Suitable wired sensors: Soliris sensor: sun and wind sensor / Eolis sensor: wind sensor / Ondeis sensor: rain sensor.
- Suitable io sensor: Sunis WireFree (II) io: sun sensor.
- Sun function can be switched off permanently (e.g. in the winter) or temporarily.
- Built in timer function
 - Can send the products to a specific position at a fixed point in time
 - to switch the sun function on and off automatically
 - to switch off the automatic operation temporarily and to reactivate it automatically
- Simple adjustment of sun and wind thresholds.
- Smart electronics ensure optimal delay times. This means no unnecessary up and down movement in changeable weather (sun with cloud).
- Supplied as standard with a white cover frame.
- The data can be quickly loaded or copied using the quick copy tool.
- Can be combined with electronic motor switches Smoove Uno IB+, Moco 4 AC.
- An "up" command is issued 2 s after the wind threshold has been exceeded.
- Replaces the Soliris IB

> Principle display



> Technical data



Power supply:	230 V ~ 50 Hz
Protection factor:	IP30
Operating temperature:	0 °C to +40 °C
Measuring range of the wind threshold value:	10-80 km/h (2-9 Bft)
Range of sun threshold:	0-60 Klux
Control time:	Permanent for wind signal

> Sun and wind automatic control for IB+ Bus systems

	ARTICLE NO.
Soliris Smoove IB+ Pure white + frame NE	1 818 295
Supplied as standard with a white cover frame.	
Surface-mounted box Smoove	9 019 972
Sunis WireFree II sensor io	1 818 285
Fixing bracket for Soliris Smoove IB+	9 018 000
For attaching in recessed boxes without screws	
Soliris sensor	9 101 474
Rain sensor Ondeis 230 V	9 016 345
Soliris solar cell	9 154 217
Eolis sensor WT	9 101 479

FIXED DELAYS

Sun comes: 2 minutes
 Sun goes: 30 to 15 minutes*
 Wind comes: 2 seconds
 Wind goes: 12 minutes

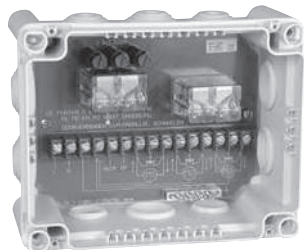
* If the quantity of light falls below 12 Klux, the delay becomes ca. 5 minutes.

Relay box for 3 tubular motors, RK3 - 230 V



> Relay box RK3

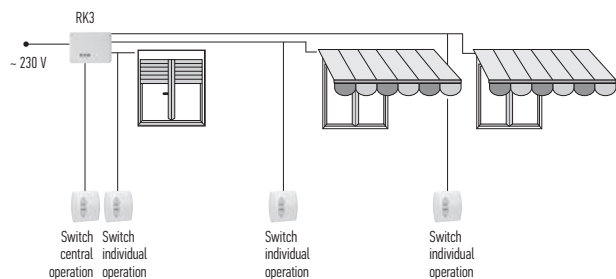
For connection of
3 standard tubular motors.



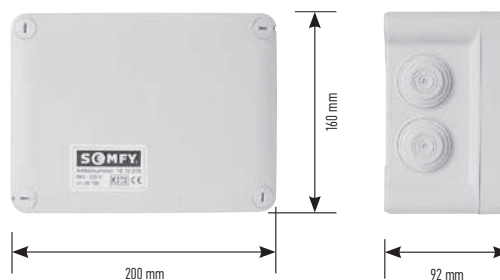
> Product advantages

- Suitable for central and individual operation.
- Each motor is individually fused.
- Mounted in impact-resistant plastic housing.

> Principle display



> Technical data



Power supply: 220 - 240 V

Protection factor: IP55

Operating temperature: -10 °C to +40 °C

Maximum contact load: 2 A

> Relay box RK3

	ARTICLE NO.
Relay box RK3 - 230 V	1 810 280

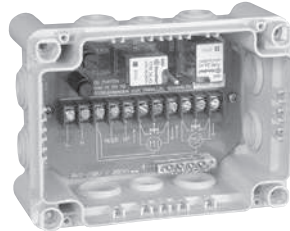
Contact Somfy for the number of Somfy WT motors connected in parallel that can be controlled by a relay box.

Relay box for 2 tubular motors, RK2 - 230 V

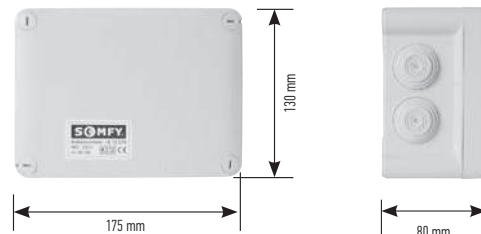


> Relay box RK2

For connection of 2 standard tubular motors.



> Technical data RK2



Power supply:	220-240 V ~ 50/60 Hz
Protection factor:	IP55
Operating temperature:	-10 °C to +40 °C
Maximum contact load:	2 A

> Product advantages

- Suitable for central and individual operation.
- Each motor is individually fused.
- Mounted in impact-resistant plastic housing.

> Relay box TR2-U-E-230

For individual and central control of 2 motors



> Relay box RK2

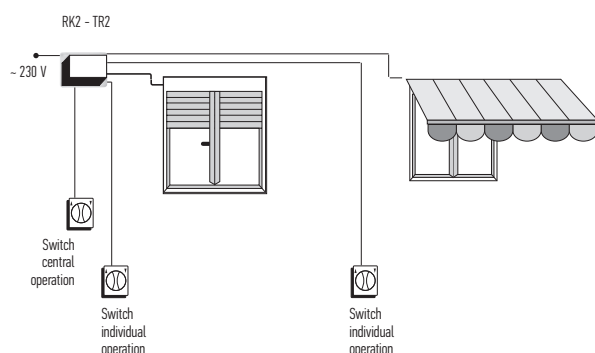
	ARTICLE NO.
Relay box RK2 - 230 V	1 810 276

Contact Somfy for the number of Somfy WT motors connected in parallel that can be controlled are passed through a relay box.

> Product advantages

- Suitable for central and individual operation.

> Principle display



> Technical data TR2-U-E-230



Power supply:	230 V - 50 Hz
Protection factor:	IP55
Operating temperature:	-10 °C to +40 °C
Maximum contact load:	2 A

> Relay box TR2-U-E-230

	ARTICLE NO.
Relay box TR2-U-E-230	1 822 000

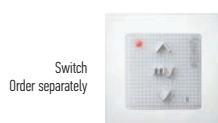
Wind protection, Eolis box 2



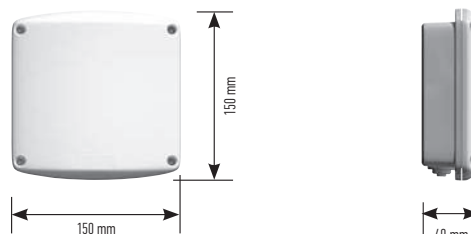
> Wind protection, Eolis box 2

Can be combined with 1 standard Somfy tubular motor or several Somfy WT motors up to max. 2 A.

Automatically controls the awning upwards based on the measured wind speed.



> Technical data

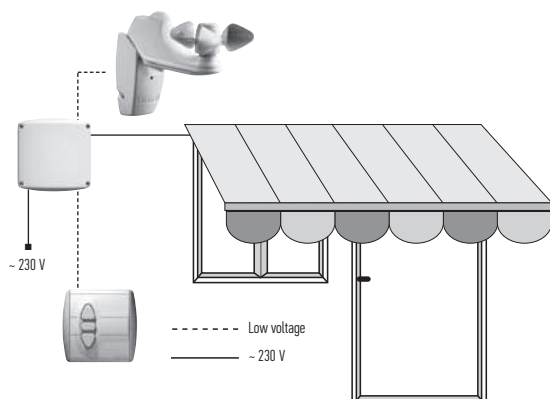


Power supply:	220-240 V ~ 50/60 Hz
Protection factor:	IP 44
Operating temperature:	-20 °C to +50 °C
Measuring range of the wind threshold value:	10-50 km/h
Send time to the motor:	3 minutes
The use with relay boxes is not permitted.	

> Product advantages

- Wind protection.
- Attractive design.
- Simple to set the wind threshold value (accessible behind the cover).
- An "up" command is issued 2 s after the wind threshold has been exceeded.

> Principle display



> Wind protection

	ARTICLE NO.
Eolis box 2	1 816 046
Eolis sensor WT	9 101 479
Smoove Origin IB	1 811 272
Surface-mounted box Smoove	9 019 972

Contact Somfy for the number of Somfy WT motors connected in parallel that can be controlled by an Eolis.

FIXED DELAYS

Wind comes: 2 seconds
Wind goes: 30 seconds

Sun and wind automatic control, Soliris Smooove UNO Pure White



> Sun and wind automatic control, Soliris Smooove Uno Pure White

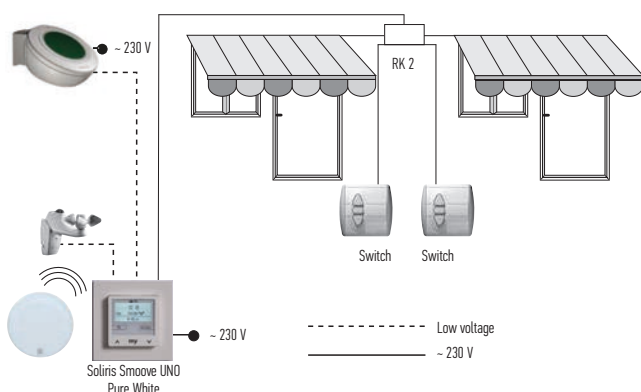
Can be combined with 1 or (via relay box) more standard Somfy tubular motors or Somfy WT motors.
Automatically sends awnings up and down depending on the measured amount of sunlight and wind speed.



> Product advantages

- Design controls with display, background lighting and touch operation
- Suitable wired sensors: Soliris sensor: sun and wind sensor / Eolis sensor: wind sensor / Ondeis sensor: rain sensor
- Suitable io sensor: Sunis WireFree (II) io: sun sensor
- Sun function can be switched off permanently (e.g. in the winter) or temporarily.
- Built in timer function
 - can send the products to a particular position at a fixed point in time
 - to switch the sun function on and off automatically
 - to switch off the automatic operation temporarily and to reactivate it automatically
- Also suitable for louvre blinds
- Simple adjustment of sun and wind thresholds.
- Smart electronics ensure optimal delay times. This means no unnecessary up and down movement in changeable weather (sun with cloud).
- Can be used with relay boxes for multiple awnings when using standard Somfy tubular motors.
- Supplied as standard with a white cover frame
- The data can be quickly loaded or copied using the quick copy tool.
- A command is issued 2 s after the wind threshold has been exceeded.
- Replaces the Soliris Uno

> Principle display

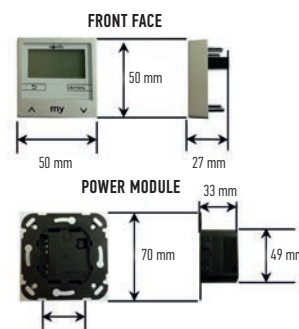
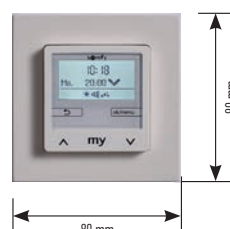


FIXED DELAYS

Sun comes: 2 minutes
Sun goes: 30 to 15 minutes*
Wind comes: 2 seconds
Wind goes: 12 minutes

* If the quantity of light falls below 12 Klux, the delay becomes ca. 5 minutes.

> Technical data



Power supply:	230 V - 50 Hz
Protection factor:	IP30
Operating temperature:	0 °C to +40 °C
Range of wind threshold:	10-80 km/h
Range of sun threshold:	0-60 Klux
Send time to the motor: (wind: permanent) if RK function has been activated	3 minutes

> Sun and wind automatic control

	ARTICLE NO.
Soliris Smooove UNO Pure white + frame NE	1 818 293
Supplied as standard with a white cover frame	
Surface-mounted box Smooove	9 019 972
Sunis WireFree II sensor io	1 818 285
Fixing bracket for Soliris Smooove Uno	9 018 000
For attaching in recessed boxes without screws	
Soliris sensor	9 101 474
Combined sun and wind sensor.	
Rain sensor 230 V (optional)	9 016 345
Quick copy tool	9 019 596

See page 209 for other Somfy frames or different switching equipment.

Please contact Somfy for the number of Somfy WT-motors connected in parallel that can be controlled by a Smooove Uno white.

> Sticker for restricting the detection angle of the solar cell



	ARTICLE NO.
Sticker for Soliris sensor	9 000 826

AVAILABLE
ON ORDER

Central control switch, Smoove Origin IB

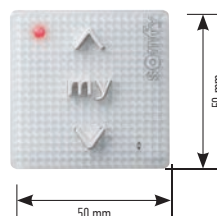


> Central control switch Smoove Origin IB

For among others the Somfy IB bus system. Can be combined with standard tubular motors via electronic motor switches Smoove Uno IB+, Moco 4 AC.



> Technical data

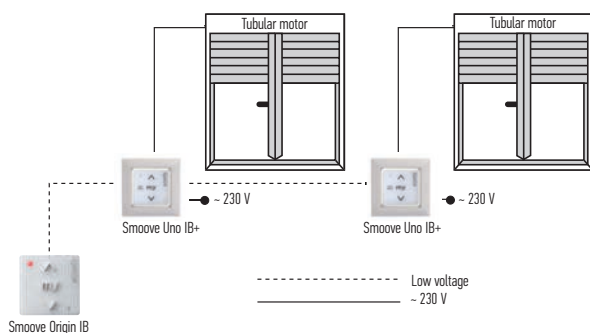


Supply voltage:	Weak current
Protection factor:	IP 20
Operating temperature:	0 °C to +45 °C

> Product advantages

- Pulse operation (single press of a button).
- Suitable for individual and central operation.
- Specifically suited for the combination with the electronic motor switch Smoove UNO IB+ or with Animeo IB/IB+, Somfy IB controls and FTS controls.
- The favourite position can be called up via the "My" button.
- Frame must be ordered separately.
- Suitable for wiring up to 1.5 mm².
- Only available in Pure version.

> Principle display



> Central control switch

	ARTICLE NO.
Smoove Origin IB	1 811 272
Mounting clips for flush-mounted installation	9 018 712
For installing in flushed-mounted boxes without screws	
Surface-mounted box Smoove	9 019 972

For corresponding frames, see page 103.

Electronic motor switch, Smoove Uno IB+



> Electronic motor switch, Smoove Uno IB+

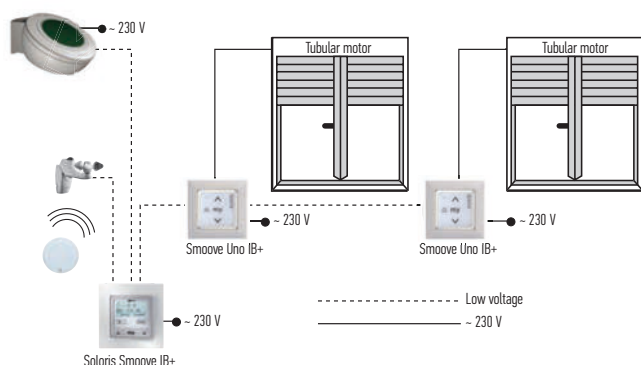
For Somfy IB and IB+ bus system.
Can be combined with 1 standard tubular motor.



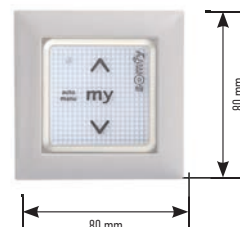
> Product advantages

- Suitable for individual operation.
 - Touch control
 - Is equipped with an integrated switch for the individual operation and a slide switch for switching central commands on and off (e.g. SUN).
 - Programming of 2 intermediate positions possible (e.g. automatic control down 1 metre by the sun).
 - Tilt function integrated
 - Available in 3 finishes: Pure, Black and Silver
 - Cover frame can be ordered separately. (See page 103)
- For surface-mounting: Combination with Jung surface-mounting box and adapter

> Principle display



> Technical data



Power supply: 220 - 240 V ~ 50/60 Hz

Protection factor: IP40

Operating temperature: +5 °C to +40 °C

> Electronic motor switch

	ARTICLE NO.
Smoove Uno IB+ Pure	1 811 203
Smoove Uno IB+ Black	1 811 205
Smoove Uno IB+ Silver	1 811 204
Mounting clips for Smoove Uno IB+	9 018 000
For installing in flushed-mounted boxes without screws	
Surface-mounted box Smoove	9 019 972

Timer with light function, Chronis Smoove IB+ S Pure White



> Timer with light function, Chronis Smoove IB+ S White

Can be combined with standard Somfy tubular motors in combination with electronic motor switch Smoove Uno IB+.

Sends roller shutters up and down twice a day at predetermined times. Also sends up and down via light sensor during the day and in the evening.

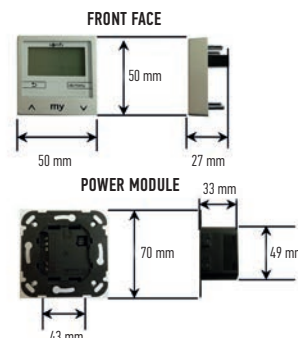
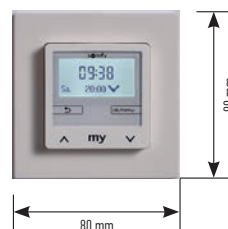


Light sensor
Order separately

> Product advantages

- IB+ Bus system application
- Design week timer controls with light control and display, background lighting and touch operation
- Sun and timer functions can be disabled permanently or temporarily and with automatic reactivation
- Compatible with the Sunis WireFree (II) sensor io for the light control
- Clear display.
- Simple operation.
- Integrated Cosmic programme (opening and closing in response to the sun rising and setting).
- No loss of data in the event of power cut (power reserve: 3 hours).
- 2 up and 2 down commands per day possible.
- Automatic switch-over summer/winter time.
- Automatic control via the sun sensor (when the sensor is activated):
 - During the day when there is too much sunlight and the threshold value is exceeded
 - During the evening when it becomes dark and the threshold value for twilight is exceeded
- Supplied as standard with a white cover frame.
- The data can be quickly loaded or copied using the quick copy tool
- Replaces the Chronis Comfort IB

> Technical data

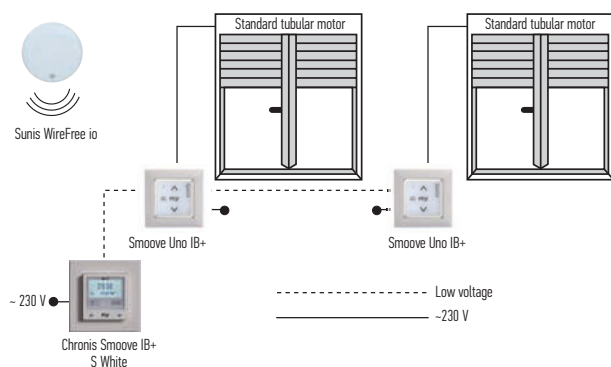


Power supply:	230 V ~ 50 Hz
Protection factor:	IP30
Operating temperature:	0 °C to +40 °C

> Timer with light function

	ARTICLE NO.
Chronis Smoove IB+ S Pure White	1 805 285
Without light sensor:	
Surface-mounted box Smoove	9 019 972
Sunis WireFree II sensor io	1 818 285
Quick copy tool	9 019 596
Fixing bracket for Chronis Smoove IB+ S For attaching in recessed boxes without screws	9 018 000

> Principle display

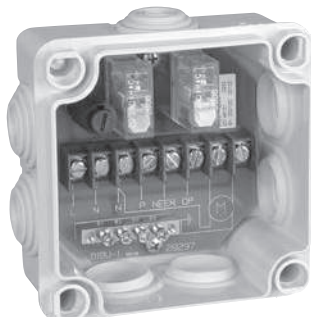


Switch box for indoor and outdoor operation, RK1

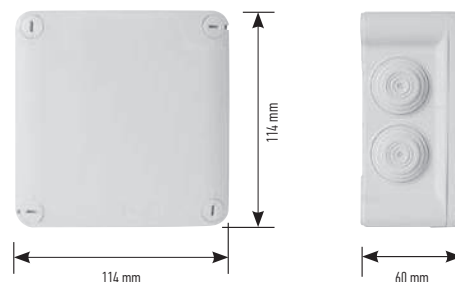


> Switch box for indoor and outdoor operation, RK1

Can be combined with
1 standard tubular motor.



> Technical data



> Product advantages

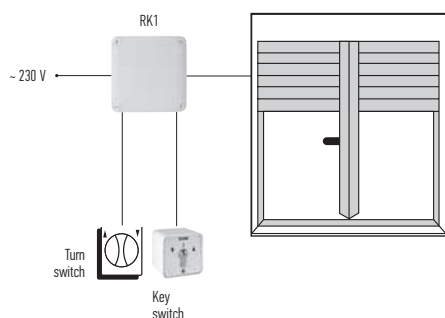
- Suitable for operating 1 standard tubular motor with several momentary positions switches.
- The number of switches can be extended without limitation.

Power supply: 220-240 V ~ 50/60 Hz

Protection factor: IP55

Operating temperature: -10 °C to +40 °C

> Principle display



> Switch box for indoor and outdoor operation

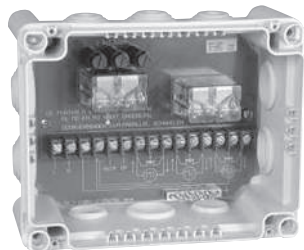
	ARTICLE NO.
RK1	1 800 280
Inis Keo	1 800 030
Surface-mounted key switch	9 929 994

Relay box for 3 tubular motors, RK3 - 230 V



> Relay box RK3

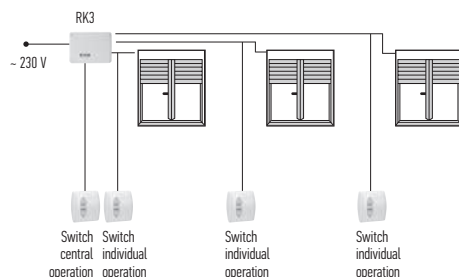
For connection of
3 standard tubular motors.



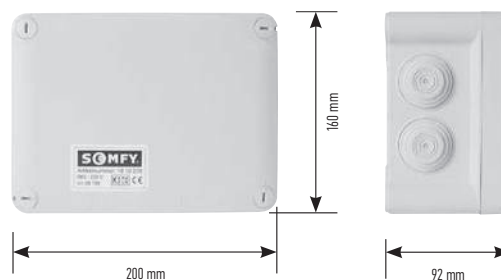
> Product advantages

- Suitable for central and individual operation.
- Each motor is individually fused.
- Mounted in impact-resistant plastic housing.

> Principle display



> Technical data



Power supply:	220 - 240 V
Protection factor:	IP55
Operating temperature:	-10 °C to +40 °C
Maximum contact load:	2 A

> Relay box RK3

	ARTICLE NO.
Relay box RK3 - 230 V	1 810 280

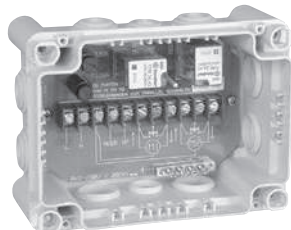
Contact Somfy for the number of Somfy WT motors connected in parallel that can be controlled by a relay box.

Relay box for 2 tubular motors, RK2 - 230 V



> Relay box RK2

For connection of 2 standard tubular motors.



> Product advantages

- Suitable for central and individual operation.
- Each motor is individually fused.
- Mounted in impact-resistant plastic housing.

> Relay box TR2-U-E-230

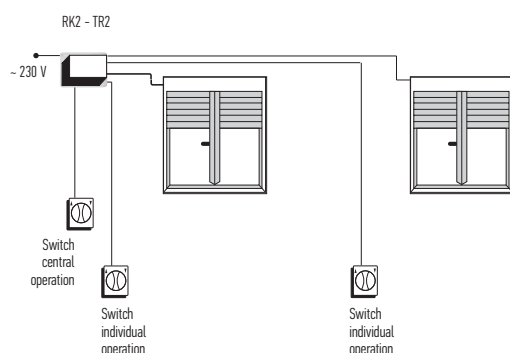
For individual and central control of 2 motors



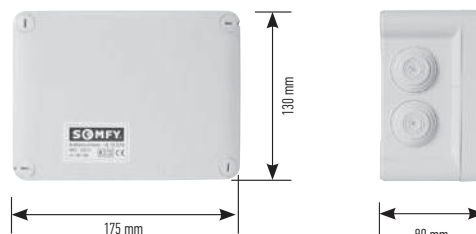
> Product advantages

- Suitable for central and individual operation.

> Principle display



> Technical data RK2



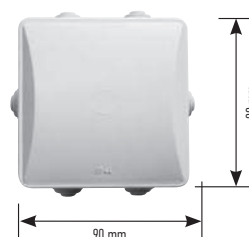
Power supply:	220-240 V ~ 50/60 Hz
Protection factor:	IP55
Operating temperature:	-10 °C to +40 °C
Maximum contact load:	2 A

> Relay box RK2

ARTICLE NO.
Relay box RK2 - 230 V
1 810 276

Contact Somfy for the number of Somfy WT motors connected in parallel that can be controlled are passed through a relay box.

> Technical data TR2-U-E-230



MOST IMPORTANT TECHNICAL DATA:

Power supply:	230 V - 50 Hz
Protection factor:	IP55
Operating temperature:	-10 °C to +40 °C
Maximum contact load:	2 A

> Relay box TR2-U-E-230

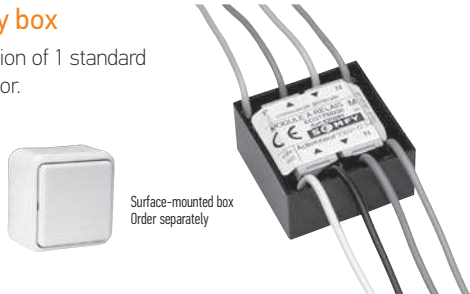
ARTICLE NO.
Relay box TR2-U-E-230
1 822 000

Mini relay box for 1 tubular motor - 230 V

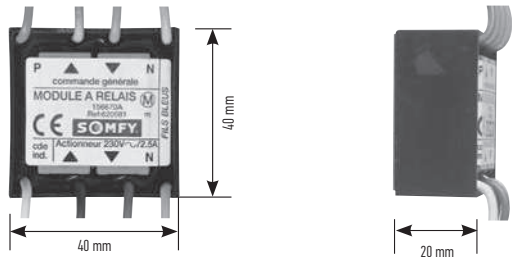


> Mini relay box

For connection of 1 standard tubular motor.



> Technical data

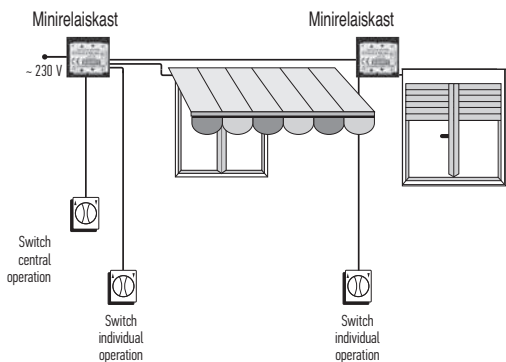


> Product advantages

- Suitable for central and individual operation.
- Fits in standard flush-mounted box or in surface-mounted box, article no. 9 154 122.
- Can be combined with relay boxes RK2 and RK3 (please note that the "down" command has priority with group operation).

Power supply:	220-240 V ~ 50/60 Hz
Protection factor:	IP44 (flush-mounted)
Operating temperature:	-10 °C to +40 °C
Maximum contact load:	2 A

> Principle display



> Mini relay box

	ARTICLE NO.
Mini relay box - 230 V	1 810 068
Surface-mounted cabinet	9 154 122
Front panel	1 564 65A

Contact Somfy for the number of Somfy WT motors connected in parallel that can be controlled are provided by a mini relay box.

Timer with light function, Chronis Smoove Uno S Pure White



> Timer with light function, Chronis Smoove Uno S White

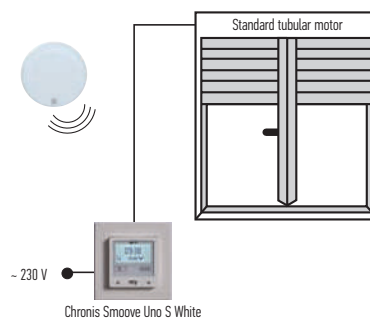
Can be combined with 1 or (via relay box) more standard Somfy tubular motors or several WT motors (NB: max 3 A load).

Sends roller shutters up and down twice a day at predetermined times. Also sends up and down via light sensor during the day and in the evening.



Order light sensor separately

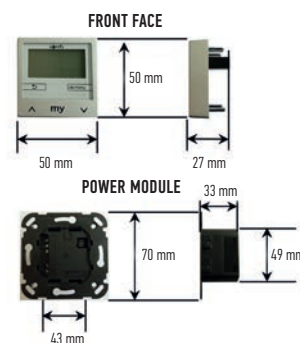
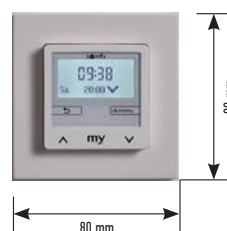
> Principle display



> Product advantages

- Design week timer with light control and display, background lighting and touch operation
- Sun and timer functions can be disabled permanently or temporarily and with automatic reactivation.
- Compatible with the Sunis WireFree (II) sensor io for the light control.
- Clear display.
- Simple operation.
- Random event generator that can be switched on for simulated presence.
- 4 switch times per day can be set, as well as weekly block programme.
- An intermediate position can be set (for example daylight opening).
- Integrated Cosmic programme (opening and closing based on sunrise and sunset).
- No loss of data in the event of power cut (power reserve: 3 hours).
- 2 up and 2 down commands per day possible.
- Choice between controlling the motor to an end limit or to a 'my' position.
- Automatic switch-over summer/winter time.
- Automatic control via the sun sensor (when the sensor is activated):
 - During the day when there is too much sunlight and the threshold value is exceeded
 - During the evening when it becomes dark and the threshold value for twilight is exceeded
- Supplied as standard with a white cover frame.
- The data can be quickly loaded or copied using the quick copy tool
- Replaces the Chronis Comfort Uno

> Technical data



Power supply:	230 V ~ 50 Hz
Protection category of the enclosure:	IP30
Operating temperature:	0 °C to +40 °C
Adjustment range of the light measurement:	10 to 50 kLux
Send time to the motor:	3 minutes

> Timer with light function

	ARTICLE NO.
Chronis Smoove Uno S Pure White + frame	1 805 283
Without light sensor:	
Surface-mounted box Smoove	9 019 972
Sunis WireFree II sensor io	1 818 285
Quick copy tool	9 019 596
Fixing bracket for Chronis Smoove Uno S	9 018 000
For attaching in recessed boxes without screws	

Please contact Somfy for the number of Somfy WT-motors connected in parallel that can be controlled by a Chronis Smoove Uno S White.

Timer, Chronis Smoove Uno Pure White



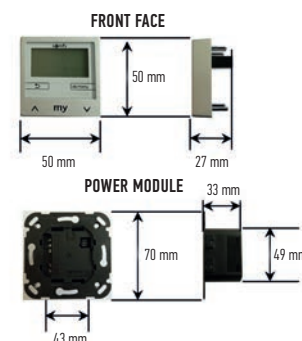
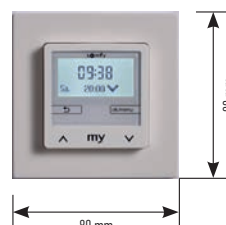
> Timer, Chronis Smoove Uno White

Can be combined with 1 or (via relay box) more standard Somfy tubular motors or several WT motors (please note: max. 3 A load).

Sends roller shutters up and down once a day at predetermined times.



> Technical data



Power supply:	230 V ~ 50 Hz
Protection factor:	IP30
Operating temperature:	0 °C to +40 °C
Send time to the motor:	3 minutes

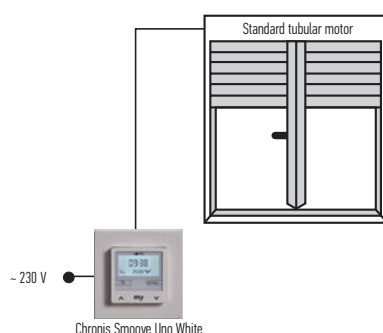
> Product advantages

- Design week timer controls with display, background lighting and touch operation.
- Timer function can be disabled permanently or temporarily and with automatic reactivation.
- Clear display.
- Simple touch operation.
- Random event generator that can be switched on for simulated presence.
- 2 switch times per day can be set, as well as weekly block programme.
- Pre-programmed commands for quick installation
- An intermediate position can be set (for example daylight opening).
- Integrated Cosmic programme (close based on the sunset).
- No loss of data in the event of power cut (power reserve: 3 hours).
- Automatic switch-over summer/winter time.
- Supplied as standard with a white cover frame.
- The data can be quickly loaded or copied using the quick copy tool
- Replaces the Chronis Smart Uno
- Minimum depth of a recessed box: 50 mm.

> Timer

	ARTICLE NO.
Chronis Smoove Uno Pure White + frame	1 805 281
Surface-mounted box Smoove	9 019 972
Quick copy tool	9 019 596
Fixing bracket for Chronis Smoove Uno	9 018 000
For attaching in recessed boxes without screws	

> Principle display



Please contact Somfy for the number of Somfy WT-motors connected in parallel that can be controlled by a Chronis Smoove Uno White.

Day timer, Chronis Easy Uno



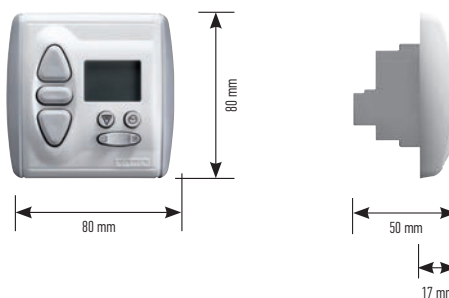
> Day clock, Chronis Easy Uno

Can be combined with 1 or (via a relay box) more standard Somfy tubular motors or several WT motors (please note: max. 2 A load).

Sends roller shutters up and down once a day at predetermined times.



> Technical data

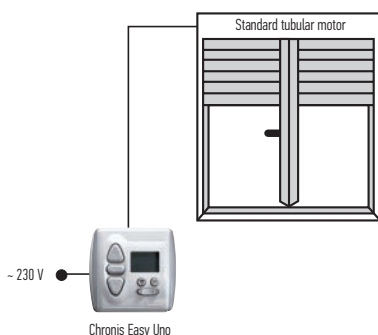


> Product advantages

- Automatic time control.
- Clear display.
- Simple operation.
- 1 up and 1 down time.
- Programming of 2 intermediate positions is possible (e.g. daylight opening).
- No loss of data in the event of power cut (power reserve: 3 hours).
- Demo function built in.

Power supply:	220 - 240 V ~ 50/60 Hz
Protection factor:	IP40
Operating temperature:	+5 °C to +40 °C
Send time to the motor:	3 minutes

> Principle display



Contact Somfy for the number of Somfy WT parallel-connected motors that can be controlled by a Chronis Easy Uno.

> Day timer

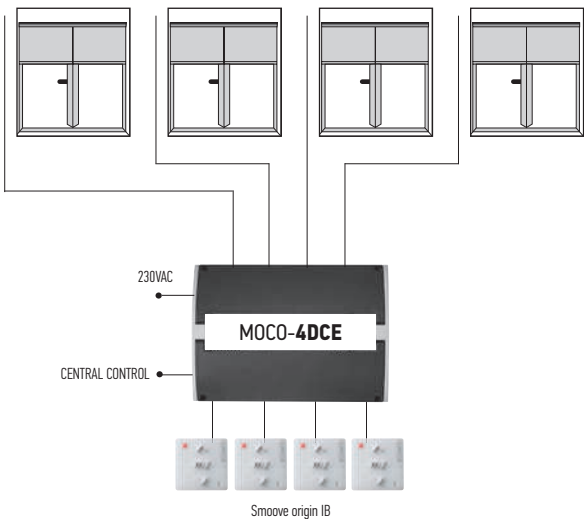
	ARTICLE NO.
Chronis Easy Uno	1 805 148
Surface-mounted box, white	9 102 073
Surface-mounted box, grey	9 102 004

Control of 24V encoder motors LWE 25

> Motor controller DC/DCE



> Outline drawing



> Technical data

KEY TECHNICAL DATA:

Voltage:	230 V AC
Index Protection Rating, enclosure:	IP 20
Operating temperature:	0 to +45°C
External dimensions	255 x 180 x 63 mm

DELIVERY SPECIFICATIONS

	ARTICLE NO.
Motor controller DC/DCE	1 860 087
<ul style="list-style-type: none">• Up to 4 units can be connected• 24 V DC Somfy motor – standard or encoder• Up to 4 pressure switches• Group connections can be created• Built-in 24 V DC supply to the motors, max. 4 x 0.5 A	
animeo plug-in RTS card	1 860 105
animeo IR card	1 860 098

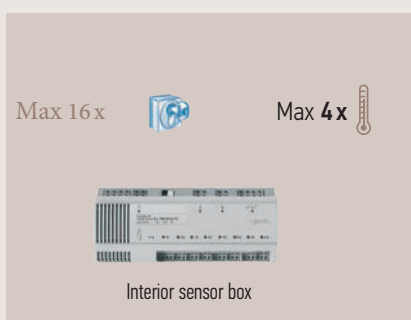
animeo IB+

> Automation for 1 to 16 façades/zones

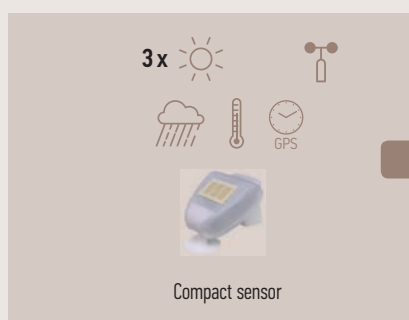
animeo IB+ is the advanced façade solution for the independent control of exterior awnings, interior awnings, electric windows and roof hatches. The animeo IB+ control system can be linked to the HVAC system.

> Basic diagram

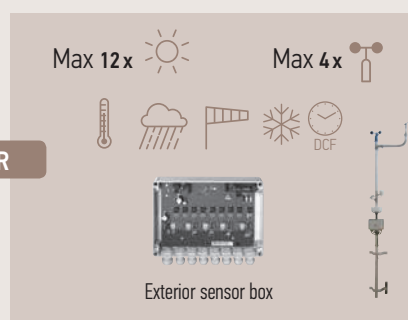
Interior sensors (optional)



Exterior sensors (solution 1)



Exterior sensors (solution 2)



OR

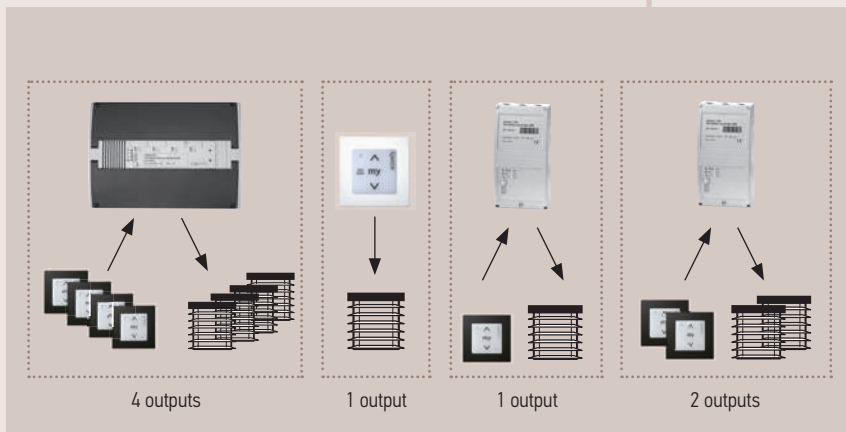
Building management systems



Control options



Motor Controllers



Compatible with wireless remote operating controls

