

# INTELLIGENT SHADE MANAGEMENT

**Somfy Digital Network**  
**Reference Book 2022**



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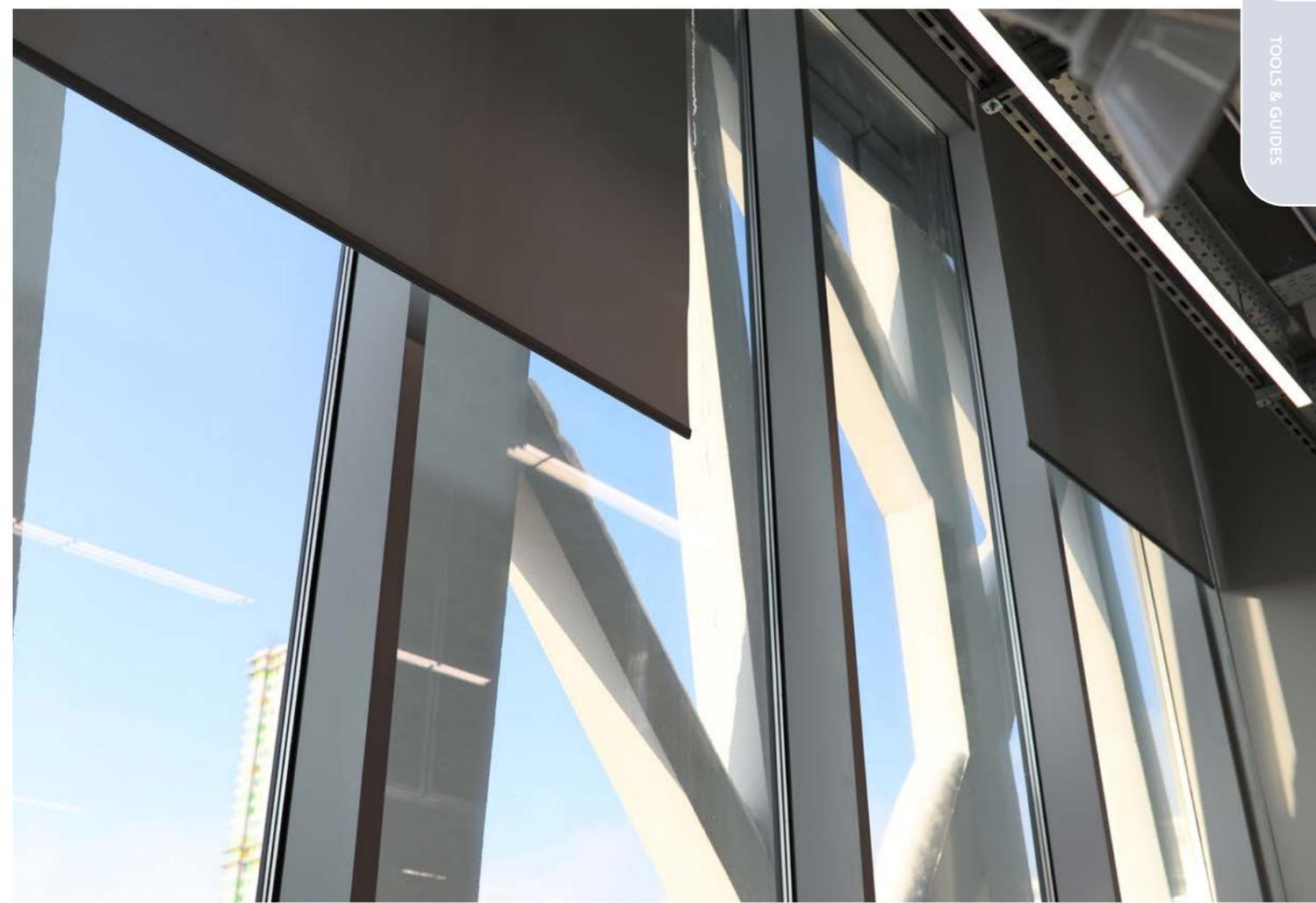
D.1-D.6

## Tools & Guides

## Part List

# Part 1

## Things you need to know about Somfy Digital Network



## WHY SOMFY DIGITAL NETWORK?

**Initial need was to offer Crestron, AMX and similar companies the possibility to control our motors in high end residential projects, hotels and conference rooms.**

The first products launched were ILT motors and SDN-RTS gateway. In a second step, Somfy decided to develop a complete Somfy proprietary solution with animeo IP.

### TODAY AND FOR THE FUTURE

The Somfy Digital Network (SDN) is the latest generation of bus-line controlled tubular motors and controls. SDN is on the RS485 network that can be used over a long distance and with a huge amount of products.



## SOMFY DIGITAL NETWORK: THE WIRED BI-DIRECTIONAL STANDARD FOR SOMFY

### SDN: Wired bi-directional technology allowing interconnection

with a wide range of third parties centralized building management and home automation systems (AMX, Crestron, Control 4, ...).

### Overview of SDN

#### Intro to Somfy Digital Network

The Somfy Digital Network (SDN) is the latest generation of bus-line enabled Intelligent Tubular Motors and Smart Switch Controls. The SDN components are integrated into a cost effective system designed to operate a wide range of end products such as solar screens, projection screens and Venetian blinds over a standard RS-485 network.

The SDN system is a standard half duplex, bi-directional RS-485 network. Bi-directional communications makes it possible to receive feedback from each motor on the network. This allows the system to view the position and status of any motor on the network, in real time. Since the SDN network runs over standard network architecture, it is possible to establish a remote connection to the system from anywhere internet access is available. This defines a new level of commissioning and support services that can be offered for today's energy efficient Intelligent Building.

### Control Versatility

The recommended digital control devices for home or building projects operate using the Somfy Digital Network. The Somfy Digital Network could be used either as a stand-alone option or including animeo IP. Stand-alone SDN systems feature different control options than animeo IP systems.



### Compatibility

Somfy motors are offered in a wide range of sizes and window treatment types for retrofit or new construction projects. Some of the power supply options increase design flexibility when wiring hard to reach or inaccessible areas.

# BENEFITS OF SOMFY DIGITAL NETWORK

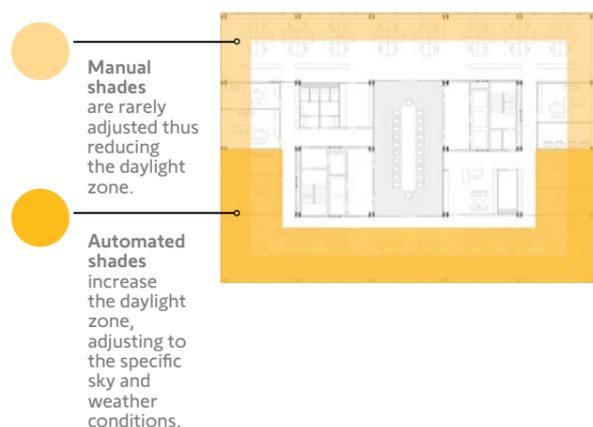
- Energy Efficiency
- Scalability & Flexibility
- Compatibility
- Comfort
- Building Certification

## Natural Light Management

Automatically managing motorized window coverings reduces dependency on artificial light, allowing more natural light for increased visual comfort of occupants as well as energy savings.

### Extended Daylight Zone Automated Shades

A daylight zone is an area within a building that is expected to receive consistent daylight.



## Building Integration

Motor and control integration is a dynamic sector of the product offering by Somfy. Somfy motors offer a high torque ranges while operating with low sound levels which is a valuable combination for the shading market.

- Communicate with Building Management Systems
- Communicate to third-party automation systems through RS485, RS232 serial protocols and dry contact closure as well as energy savings.



## Dynamic Insulation™

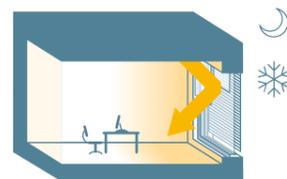
Motorized window coverings are raised and lowered according to changes in outdoor weather conditions and indoor comfort needs based on input from sensors, pre-programmed settings, or local occupant controls.

### Summer strategy



Lower window coverings during the hottest part of the day to reduce heat gain.

### Winter strategy



Lowered window coverings prevent heat loss through windows during nighttime hours.

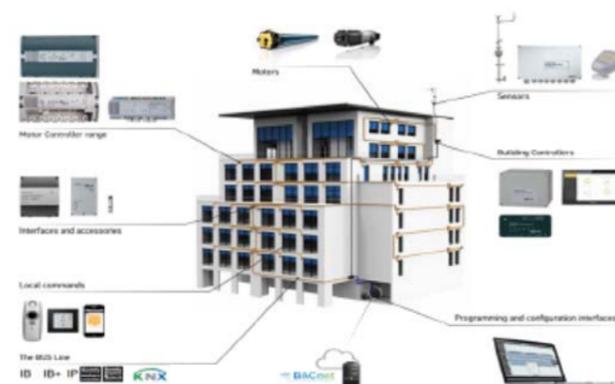
# FLEXIBILITY WITH MANY BUILDING TYPES

Somfy has experience designing dynamic control solutions based on the unique requirements of all building types including both new and retrofit. At Somfy, we're passionate about creating solutions that ensure the best possible working and living conditions for all types of buildings!

- Education
- Healthcare
- Hospitality
- Offices
- Retail
- Transportation
- Leisure
- Residential



# BUILDING MANAGEMENT SOLUTION



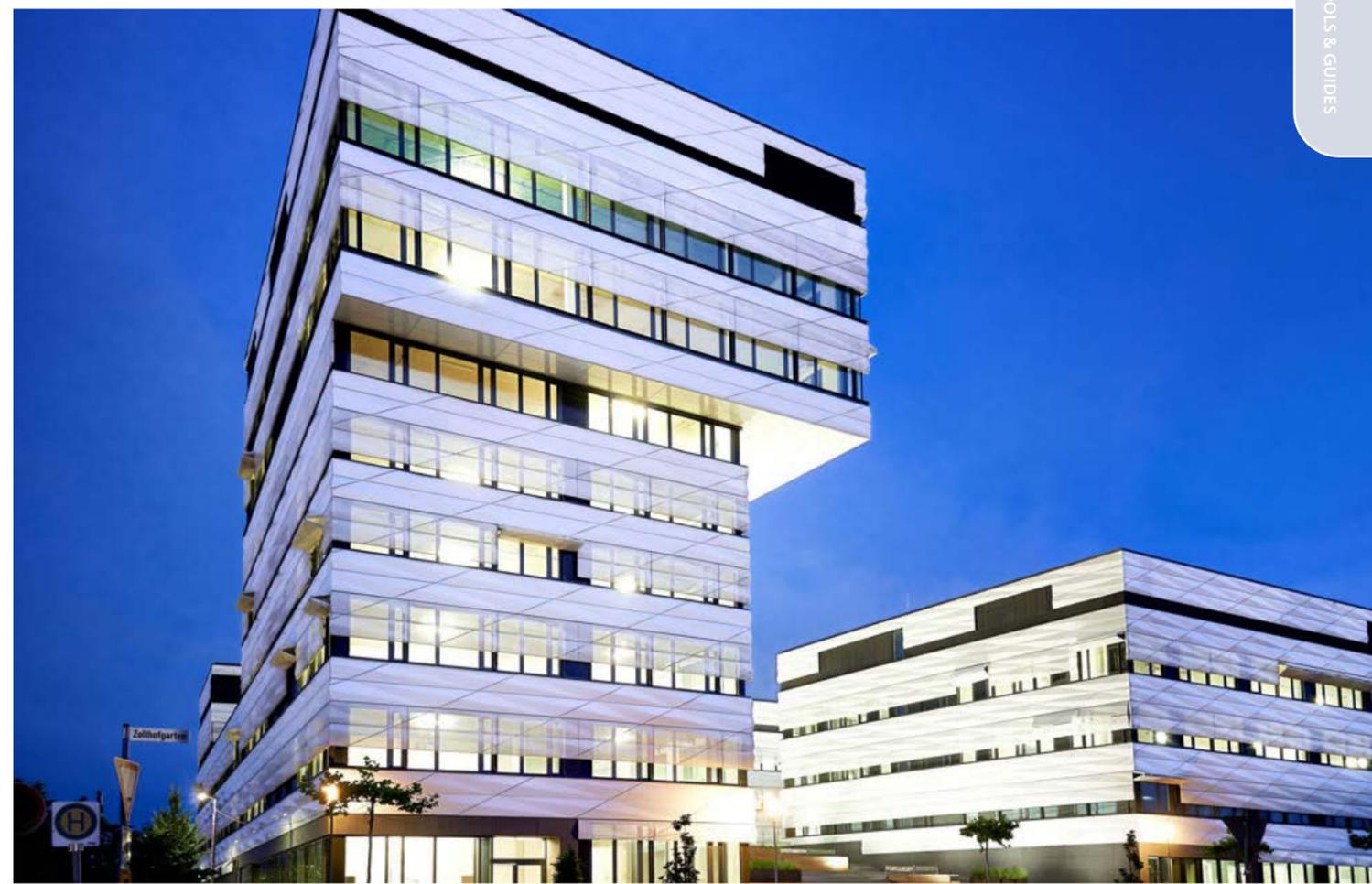
# 5 YEARS WARRANTY

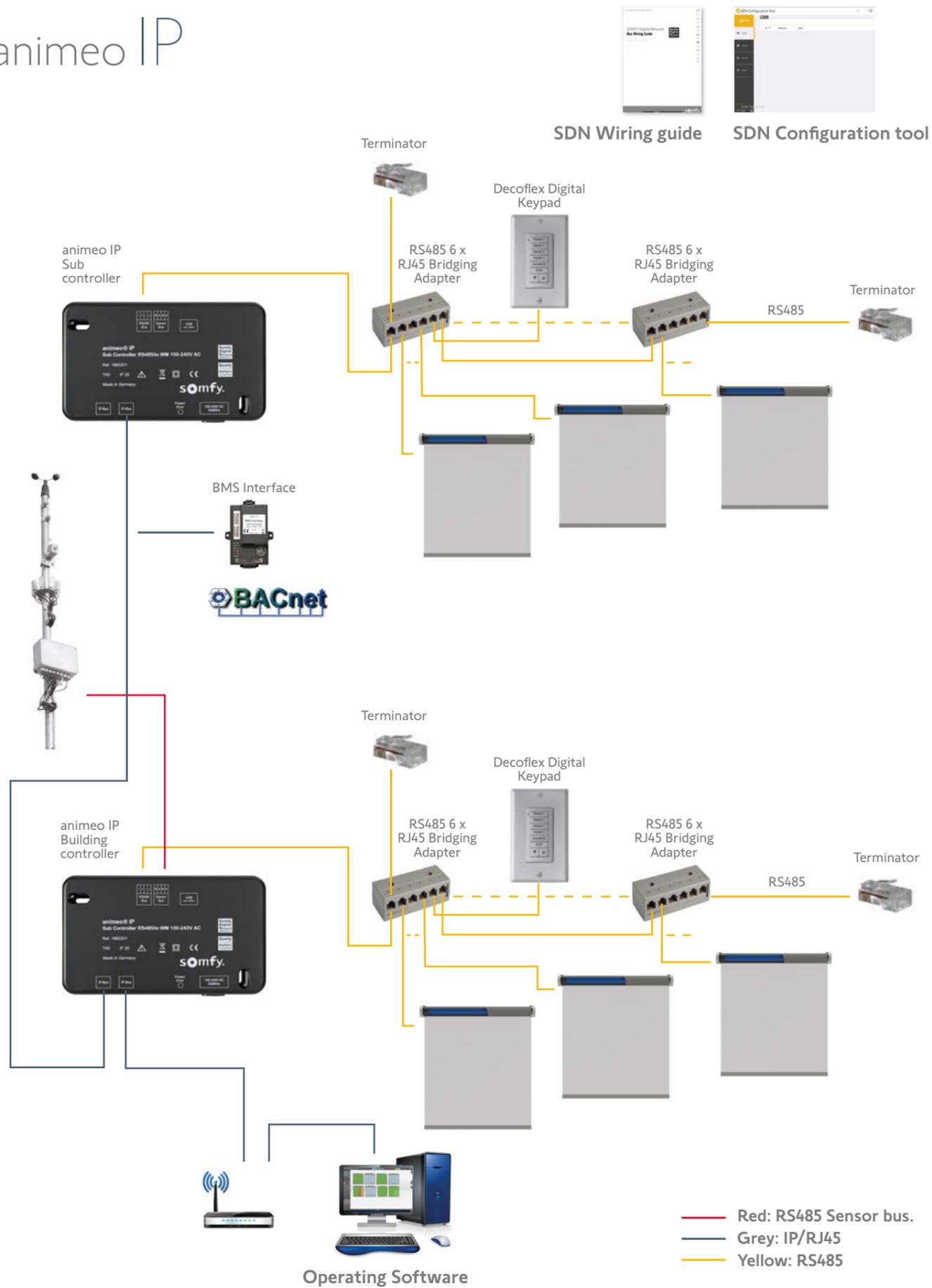
## WARRANTY

Somfy provides a 5-year warranty on all motors.

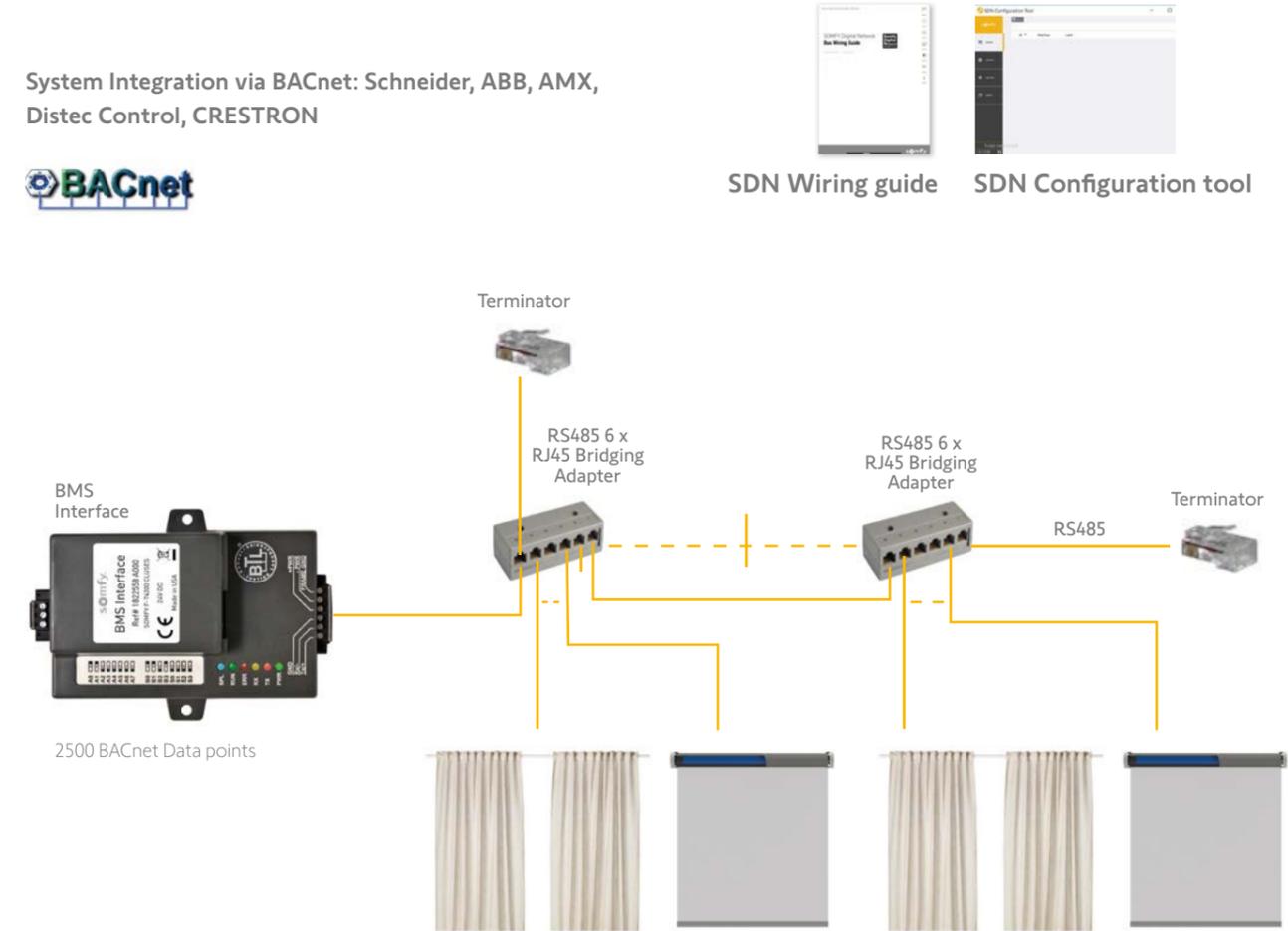
*When you choose Somfy motorization for your customers, 5-year you choose the confidence of a five-year warranty and a 50 year reputation for well designed, high quality reliability. You receive the customer service and support you'd expect from a world leader, focusing on a better way of living.*

## Part 2 Use Cases



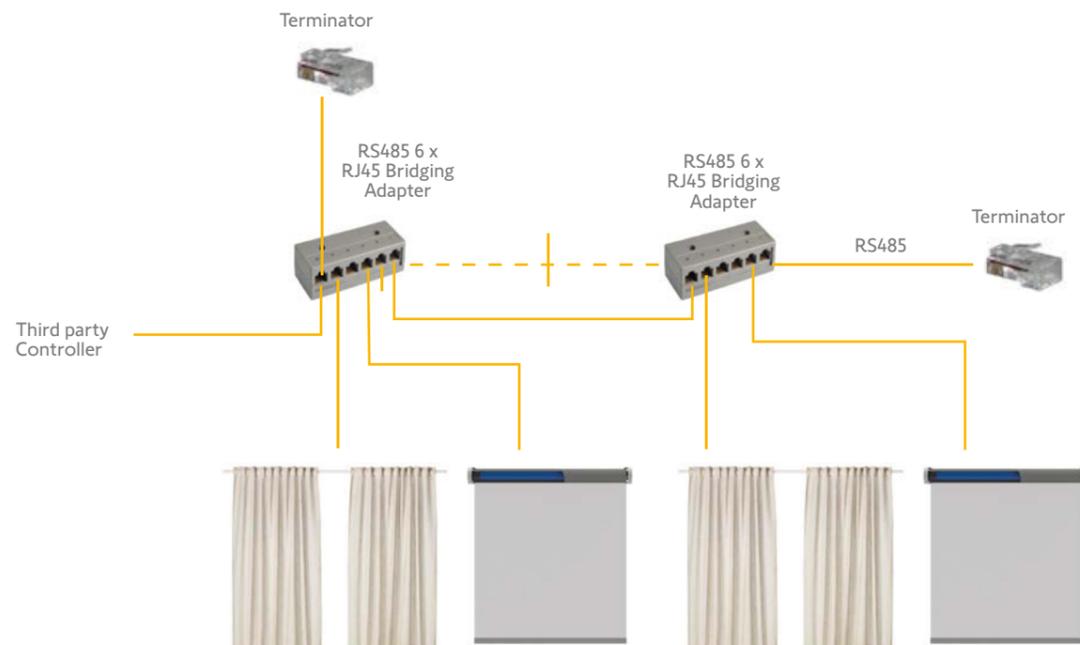


System Integration via BACnet: Schneider, ABB, AMX, Distec Control, CRESTRON

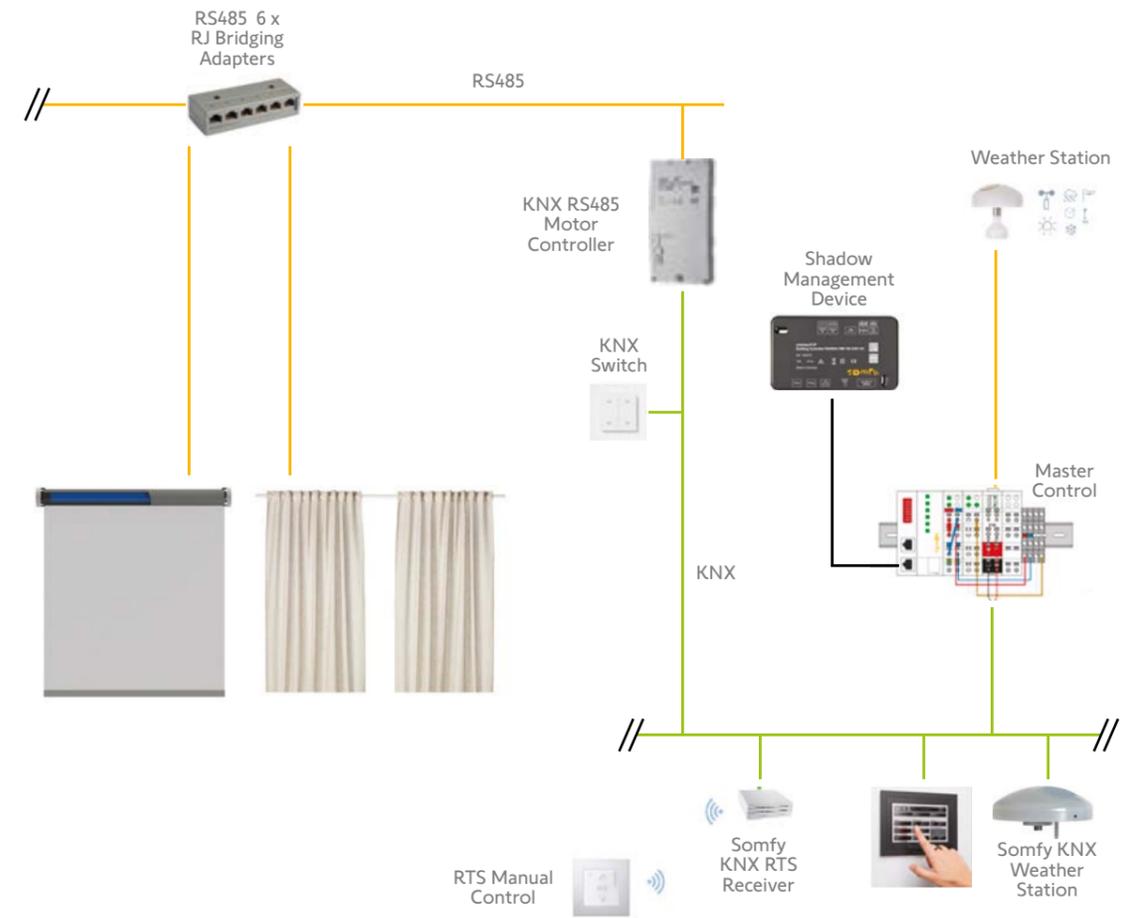


# Third party integration with SDN

System Integration via SDN Protocol: Crestron, AMX, Control 4, Clipsal, etc.



# Third party integration with KNX



# Part 3

# Products



# Part 3.1

## Motors

# Sonesse® 30 RS485



New and improved Somfy quiet DC motorization for small profiles shades, dedicated to interior applications.



## Somfy +

→ Recommended to use with: Sonesse® 30 range of accessories (shared with WireFree range)

→ Recommended to set with: RS485 Setting Tool (ref. 9 017 142)

## Compatible end-products



## Product main functionalities



## Benefits for professionals

### Easy integration

- Seamless integration to match any interior décor
- Recessed interchangeable strong and reliable metal adapter plate to adapt to all hardware systems
- Fit small diameter tubes (suitable for internal diameter 31 mm or more) ideal for small window and maximize viewable window area
- Low voltage 24VDC power save and easy wiring

### Easy Installation

- Choose the right speed according to your blind : adjustable speed from 6 to 28 rpm

### Setting from a distance

- Settings through the network
- Visual feedback of the product to confirm any step of setting and programming

### Access to RS485 product range for more benefits

- Optimized system solution

### Open Protocol

- RS485 is an open protocol available for any integrator

### Reliability and profitability

- Safe protocol
- Somfy brand awareness and quality

## Benefits for end users

### Comfort, Convenience and Privacy

- Convenient solution for glare reduction and privacy
- Superior quiet performance

### Daily convenience and comfort

- Quiet operation
- Move your blinds effortlessly

### Take benefits of RS485 bi-directionality

- Move your blind to your wished position and be informed when it has been reached

### Discreet integration and home harmony

- White and thin round head for perfect blending

### Protect your blind

- Soft stop and soft start to protect the fabric

### Discreet integration and home harmony

- White and thin round head for discreet blending (Black and grey as an option)

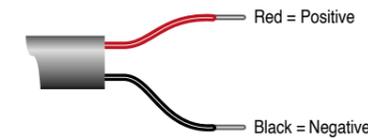
# Sonesse® 30 RS485



## Technical data

Voltage supply	24 V DC
Index protection rating	IP 30
Limit switch unit	Electronic
Limit switch capacity	150 turns
Temperature working range	0°C to +60°C
Electric insulation	Class III

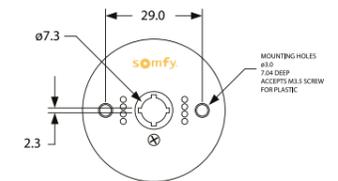
## Power cable



## RS485 cable



## Round head



## Performances

Sound level (dBA)*	< 42
Adjustable speed (rpm)	6 to 28 (speed regulated and adjustable)
Torque (Nm)	2
Speed (rpm)	25

\*Power level at nominal torque and speed.

## Dimensions

Motor length (L)	479mm
Head thickness (H)	8mm
Head diameter Ø (D)	38mm
Tube min Ø (int)	28.8mm



## Certifications



# Sonesse® 40 RS485



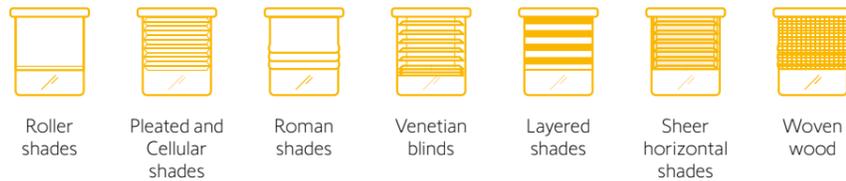
The digital offer of the acoustic standard for Interior Window Covering. Now available in diameter 40



## Somfy +

→ Recommended to use with:  
Silent accessories

### Compatible end-products



### Product main functionalities



### Benefits for professionals

#### Easy integration

- Perfect blending in the interior
- White and very thin round head
- Reduced light gap
- 3 head covers (white, black and grey) to adapt to the decor
- Suitable for tubes diameter 37 mm or more (internal diameter)

#### Setting from a distance

- Settings through the network
- Visual feedback of the product to confirm any step of setting and programming

#### Take benefits of RS485 feedback

- Easy customization of the groups from the controller

#### Access to RS485 product range for more benefits

- Optimized system solution

#### Open protocol

- RS485 is an open protocol available for any integrator

#### Reliability and profitability

- Safe protocol
- Somfy brand awareness and quality

#### A wide range

- From 3 to 9 Nm

### Benefits for end users

#### Daily convenience and comfort

- Quiet operation
- Move your blinds effortlessly

#### Take benefits of RS485 bi-directionality

- Move your blind to your wished position and be informed when it has been reached

#### Discreet integration and home harmony

- White and thin round head for perfect blending

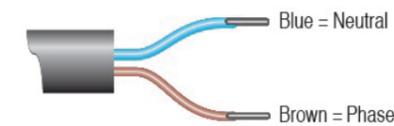
# Sonesse® 40 RS485



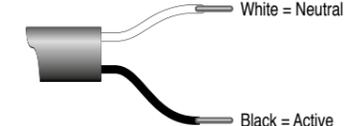
### Technical data

Voltage supply	AC
Index protection rating	IP 31
Limit switch unit	Electronic
Limit switch capacity	250 turns
Temperature working range	0°C to +60°C
Electric insulation	Class II

### 230 V / 220 V



### 120 V



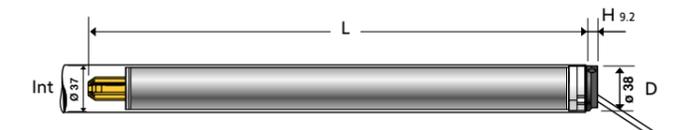
### Performances Ongoing project, specifications might slightly change

Nominal voltage	230 V / 50 Hz			220 V / 60 Hz			120 V / 60 Hz		
	3	6	9	3	6	9	4	6	9
Torque (Nm)	3	6	9	3	6	9	4	6	9
Speed (rpm)	30	20	12	36	24	14	36	24	14
Sound level (dBA)*	42	45	40	-	-	-	42	44	40

\*Power level at nominal torque and speed.

### Dimensions Ongoing project, specifications might slightly change

Motor length (L)	506	537	537	-	-	-	506	537	537
Head thickness (H)	9,2mm								
Head diameter Ø (D)	38mm								
Tube min Ø (int)	37mm								



### Certifications

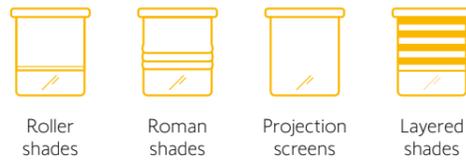


# LT 50 RS485



The proofed digital diameter 50 mm motor for blinds and screens.

## Compatible end-products



### Somfy +

Take full benefits of RS485 bi-directionality

→ Recommended to set with: RS485 Setting Tool (ref. 9 017 142)

## Product main functionalities



## Benefits for professionals

### Easy integration

- Removable power cable
- Removable data cable

### Easy Installation

- Available in star head (6 possibilities to orientate the motor head)

### Quick setting using RS485 setting tool

- Down and up end limits
- Motor rotation direction
- Readjustment of end limits
- Reset motor settings
- Up to 16 «my» position
- Node ID discovery

### Setting from a distance

- Up and down end limits set by RS485 setting tool
- Visual feedback of the product to confirm any step of setting and programming

### Take benefits of RS485 feedback

- Easy customization of the groups from the controller

### Access to RS485 product range for more benefits

- Optimized system solution

### Open Protocol

- RS485 is an open protocol available for any integrator

### A wide range

- From 6 to 35 Nm (depending to areas)

## Benefits for end users

### Simple, effortless and comfort

- Move your shades effortlessly

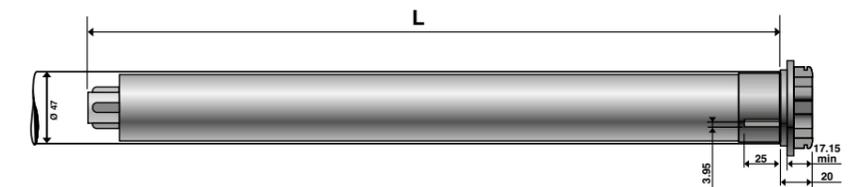
### Take benefits of RS485 bi-directionality

- Move your blind to your wished position and be informed when it has been reached

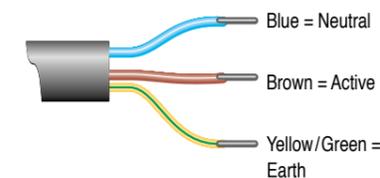
# LT 50 RS485

## Technical data

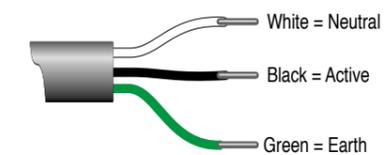
Thermal time	4 min for 230 V, 120 V, 220 V 5 min for 100 V
Supply	AC
Index protection rating	IP 44
Limit switch unit	Electronic
Limit switch capacity	300 turns for 230V, 120V, 220V 500 turns for 100 V
Temperature working range	-20°C to +60°C
Electric insulation	Class I



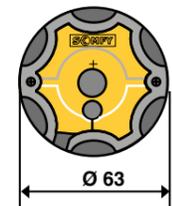
## 230 V / 220 V



## 120 V / 100 V



## Star head



## Performances

Nominal voltage	230 V / 50 Hz					120 V / 60 Hz		100 V / 50-60 Hz			220 V / 60 Hz		
Torque (Nm)	6	6	15	15	35	15	35	5	20	30	12	6	18
Speed (rpm)	32	17	17	32	17	38	20	32/38	17/20	17/20	38	20	20

## Dimensions

L (mm)	605	605	605	675	675	675	675	605	605	605	-	605	-
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## Certifications



# Sonesse 50 RS485



The digital offer of the new acoustic standard for Interior Window Covering.



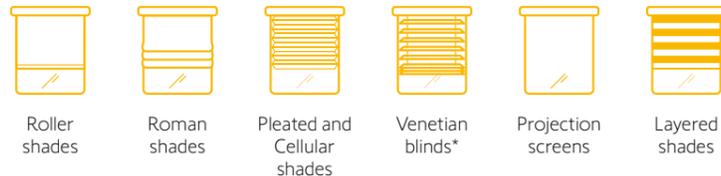
## Somfy +

Quiet operation and full benefits of RS485 bi-directionality

→ Recommended to use with:  
Silent accessories

→ Recommended to set with:  
RS485 Setting Tool (ref. 9 017 142)

## Compatible end-products



\* No management for lift function

## Product main functionalities



## Benefits for professionals

### Easy integration

- Suitable for tubes diameter 47 mm or more (internal diameter)
- Same integration process as LT 50 & Altus 50
- Removable power cable
- Removable data cable

### Easy Installation

- Available in star head (6 possibilities to orientate the motor head)

### Quick setting using RS485 setting tool

- Down and up end limits
- Motor rotation direction
- Readjustment of end limits
- Reset motor settings
- Up to 16 «my» position
- Node ID discovery

### Setting from a distance

- Up and down end limits set by RS485 setting tool
- Visual feedback of the product to confirm any step of setting and programming

### Take benefits of RS485 feedback

- Easy customization of the groups from the controller

### Access to RS485 product range for more benefits

- Optimized system solution

### Open Protocol

- RS485 is an open protocol available for any integrator

## Benefits for end users

### Simple, effortless and comfort

- Quiet operation
- Move your shades effortlessly

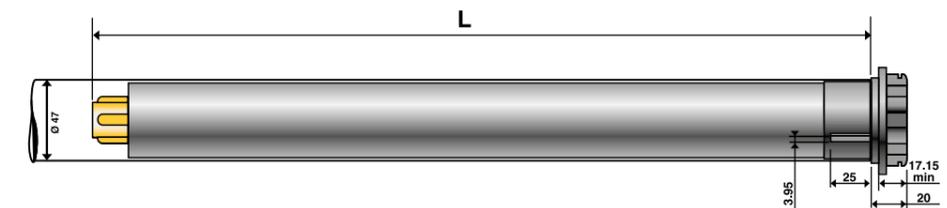
### Take benefits of RS485 bi-directionality

- Move your blind to your wished position and be informed when it has been reached

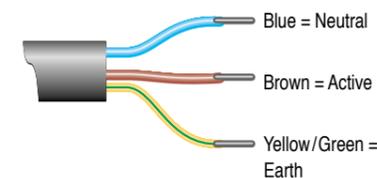
# Sonesse 50 RS485

## Technical data

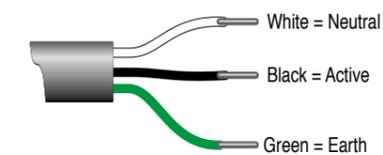
Thermal time	4 min
Supply	AC
Index protection rating	IP 44
Limit switch unit	Electronic
Limit switch capacity	300 turns
Temperature working range	-20°C to +60°C
Electric insulation	Class I



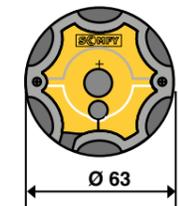
## 230 V / 220 V



## 120 V / 100 V



## Star head



## Performances

Nominal voltage	230 V / 50 Hz				120 V / 60 Hz		220 V / 60 Hz	
Torque (Nm)	6	6	15	10	6	10	5	10
Speed (rpm)	17	28	17	28	32	32	32	32

## Dimensions

L (mm)	653	653	653	673	653	673	653	673
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## Certifications



# Sonesse ULTRA 50 RS485 AC



The quietest and strongest motor on the market:

- ULTRA quiet
- ULTRA powerful
- ULTRA flexible

## Somfy +

Quiet operation and full benefits of RS485 bi-directionality

- Recommended to use with:
  - Silent accessories
  - Silent fabric
  - Professional installation

- Recommended to set with: RS485 Setting Tool (ref. 9 017 142)

## Compatible end-products



Roller shades



Pleated and Cellular shades

## Product main functionalities



Designed for silence



Easy limit setting



Position feedback



Motor node id  
Easy localization with motor node id



Star head  
6 possibilities to orientate the motor head.

## Benefits for professionals

### Easy integration

- Suitable for tubes diameter 47 mm or more (internal diameter)
- Removable power cable
- Removable data cable

### Easy Installation

- Available in star head (6 possibilities to orientate the motor head)

### Quick setting using RS485 setting tool

- Down and up end limits
- Motor rotation direction
- Readjustment of end limits
- Reset motor settings
- Up to 16 «my» position
- Node ID discovery

### Setting from a distance

- Up and down end limits set by RS485 setting tool
- Visual feedback of the product to confirm any step of setting and programming

### Take benefits of RS485 feedback

- Easy customization of the groups from the controller

### Access to RS485 product range for more benefits

- Optimized system solution

### Open Protocol

- RS485 is an open protocol available for any integrator

### Polyvalent offer

- Unique motor to cover all application

## Benefits for end users

### Simple, effortless and comfort

- Ultra Quiet operation
- Move your shades effortlessly

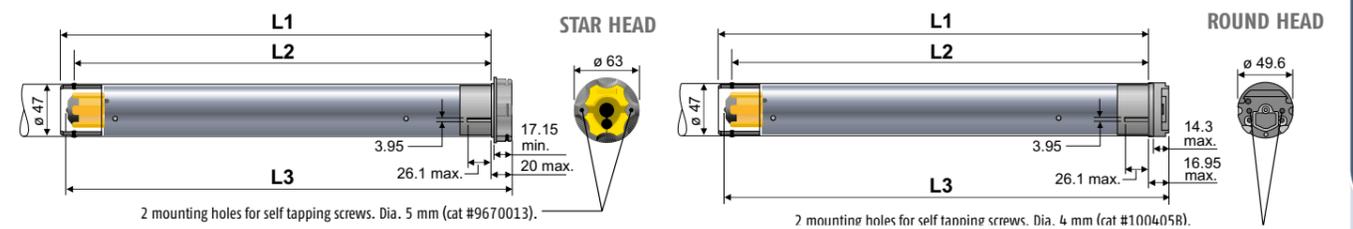
### Take benefits of RS485 bi-directionality

- Move your blind to your wished position and be informed when it has been reached

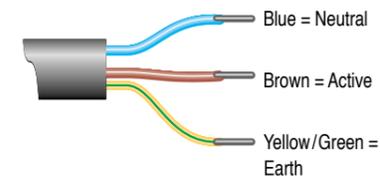
# Sonesse ULTRA 50 RS485 AC

## Technical data

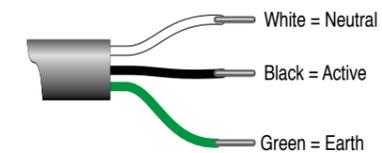
Thermal time	4 min
Supply	AC
Index protection rating	IP 31
Limit switch unit	Electronic
Limit switch capacity	300 turns
Temperature working range	0°C to +60°C
Electric insulation	Class I



## 230 V / 220 V



## 120 V / 100 V



## Performances

Nominal voltage	230 V / 50 Hz	120 V / 60 Hz	220 V / 60 Hz
Torque (Nm)	6	6	6
Speed (rpm)	20	24	24

## Dimensions

L (mm)	838	857	857
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## Certifications



# Sonesse ULTRA 50 RS485 DC



The quietest and strongest motor on the market:

- ULTRA quiet
- ULTRA powerful
- ULTRA flexible

## Somfy +

Quiet operation and full benefits of RS485 bi-directionality

- Recommended to use with:
  - Silent accessories
  - Silent fabric
  - Professional installation

- Recommended to set with: RS485 Setting Tool (ref. 9 017 142)

## Compatible end-products



Roller shades



Pleated and Cellular shades

## Product main functionalities



Designed for silence



Easy limit setting



Position feedback



Motor node id  
Easy localization with motor node id



Square head

## Benefits for professionals

### Easy integration

- Suitable for tubes diameter 47 mm or more (internal diameter)
- Removable power cable
- Removable data cable

### Easy Installation

- Available in square head

### Quick setting using RS485 setting tool

- Down and up end limits
- Motor rotation direction
- Readjustment of end limits
- Reset motor settings
- Up to 16 «my» position
- Note ID discovery

### Easy setting

- Up and down limits and my position can be set from a distance (RS485 setting tool)
- Through buttons on motor head
- Visual Feedback: LED on motor head

### Take benefits of RS485 feedback

- Easy customization of the groups from the controller

### Access to RS485 product range for more benefits

- Optimized system solution

### Open Protocol

- RS485 is an open protocol available for any integrator

### Polyvalent offer

- 4N/25 rpm, unique motor to cover all application

## Benefits for end users

### Simple, effortless and comfort

- Ultra Quiet operation
- Move your shades effortlessly

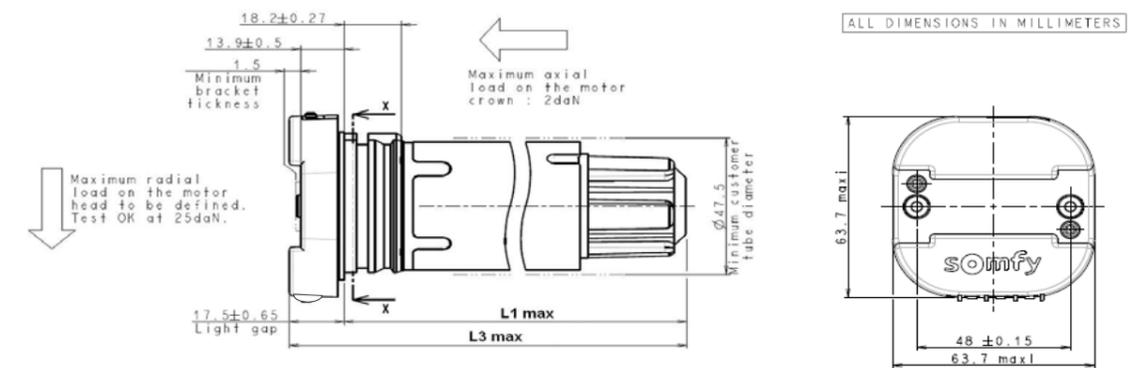
### Take benefits of RS485 bi-directionality

- Move your blind to your wished position and be informed when it has been reached

# Sonesse ULTRA 50 RS485 DC

## Technical data

Thermal time	5 min
Supply	24 V DC
Index protection rating	IP 20
Limit switch unit	Electronic
Limit switch capacity	38 turns turns each directional rotation at maximum speed
Temperature working range	0°C to +60°C
Electric insulation	Class III



## Performances

Nominal voltage	24 V DC
Torque (Nm)	4
Speed (rpm)	25

## Dimensions

L (mm)	780
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## Certifications



# Glydea Ultra RS485



## Somfy +

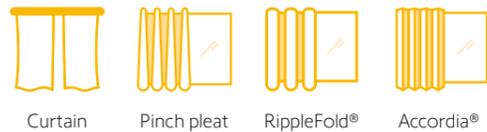
Quiet operation and full benefits of RS485 bi-directionality

→ Recommended to use with:  
Silent accessories

→ Recommended to set with:  
RS485 Setting Tool (ref. 9 017 142)

A premium solution for high-end Commercial/Hospitality and residential properties: ultra-quiet, reliable and adaptable to future upgrade. The RS485 module is adaptable to the Glydea Ultra DCT or Glydea Ultra RTS and allows for bi-directional communication applications.

## Compatible end-products



## Product main functionalities



### Benefits for professionals

- Easy installation**
  - No maintenance necessary after installation
- Easy re-setting**
  - Programming button and LED on motor
- Reliability and services**
  - Somfy quality & warranty

Reduce SKU inventory: only RS485 module is required for Glydea Ultra DCT /RTS

### Benefits for end users

- Daily convenience and comfort**
  - Low noise level of the motorized track thanks to the "silent mode" functionality
  - Reduce light gap thanks to the rail design and the swivel ceiling bracket
  - Build-in manual override eliminates damage to the fabric
- Aesthetic integration**
  - Discreet design allows management of cable
  - Adjustable limits for customized curtain positioning
- Safety and reliability**
  - Somfy quality and warranty

# Glydea Ultra RS485

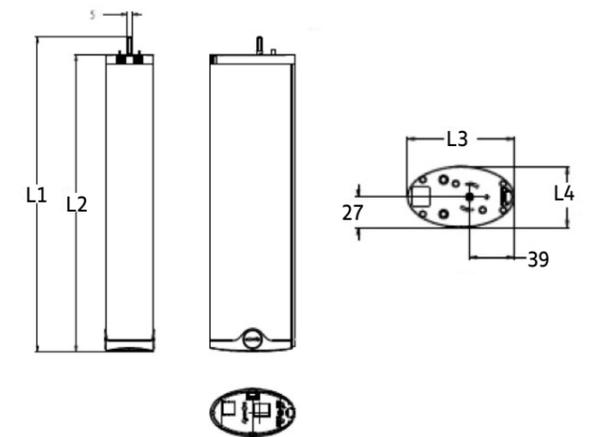


## Technical data

Power supply	90V to 250V – 50/60Hz
IP code	IP 30
Working temperature	0°C to 60°C
Insulation class	Class I

## Dimensions

L1	348mm
L2	328mm
L3	93mm
L4	53mm



## Performances

Nominal torque	0.6 Nm / 1.0 Nm
Speed	7.5 (silent mode) - 12.5 - 15 - 17.5 - 20cm/s
Mode option	Silent mode / high speed mode
Sound level	38 dBA in silent mode
Loading	Up to 35kg / Up to 60kg
Track length	Maximum 10m / 12m Minimum bending radius 300mm

## Certifications



# Part 3.2

## Controls

# RS485 RTS transmitter



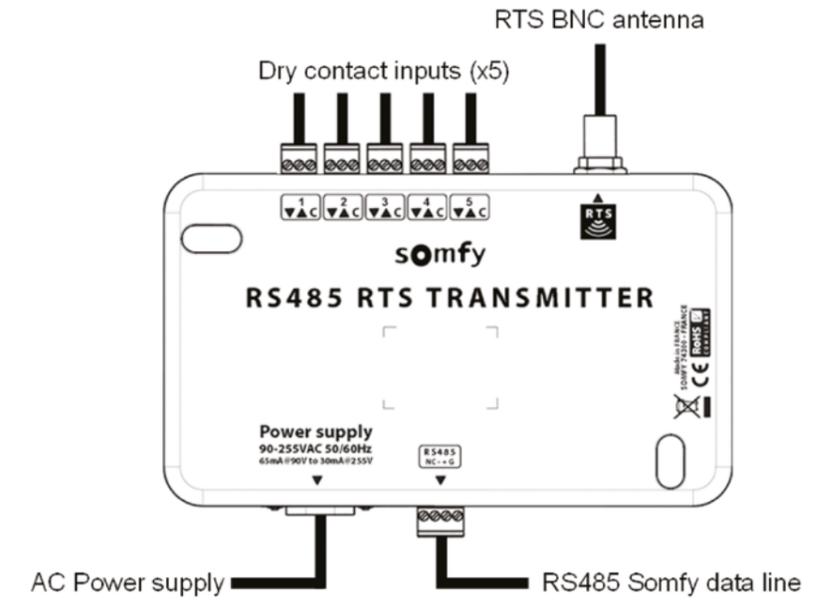
Ref. 1810803 & 1810965

The RS485 RTS Transmitter is a motor controller for RTS motors and receivers.

It converts RS485 Somfy commands, coming from home control systems, into RTS orders. Up to 16 RTS addresses: the interface can manage up to 16 groups of RTS products from an RS485 SOMFY network and/or from dry contact inputs (x5). Each group can control several motors/receivers.

## Functional advantages

- Converts RS485 Somfy commands coming from home control systems into RTS orders
- Can control all the range of Somfy RTS products
- Can control up to 16 groups of products
- Can be controlled via RS485 or Dry contact inputs (x5)  
Each group can control several motors and receivers
- Up, Down and Stop functions
- Favorite position
- Sun function management
- Modulis compatibility



## Dimensions

175 x 100 x 56 mm (without antenna)

## Technical data

Voltage Supply	90V / 255V
Voltage frequency	50Hz > 60Hz
Amps	100 mA at 90V / 50 mA at 255V
Temperature working range	0°C to 60°C
Protection rating	IP20
Control	DCT / RS485
RTS frequency	433 MHz / 447 MHz
Connectors	RS485 4-pin 3.5 mm detachable terminal blocks Dry contact up to 5 3-pin 3.5 mm detachable terminal blocks
External antenna	1 BNC Connector

## Certifications





Ref. 1 822 314

The IP Building Controller is an integrated hardware and software central device for animeo IP/RS485 and animeo IP/io installations.

It provides dynamic solar management by directly controlling Somfy-motorized window coverings and climate information given by a real-time weather station.

### Installation advantages

- For larger installations, the IP Building Controller's capacity can be expanded with the addition of an animeo IP Sub Controller (Ref. 1860201).
- RJ45 and spring clamb connectors for false prove connections.
- Suitable for wall-mounting and DIN-rail installation.

### Functional advantages

- The IP Building Controller features an intuitive graphical user interface to simplify programming, commissioning, operation and system status.
- Automatic discovery of blinds, sensors and local control points.
- No zone limitation; a window can be a single zone.
- Allows configuration and binding of customized web remotes.

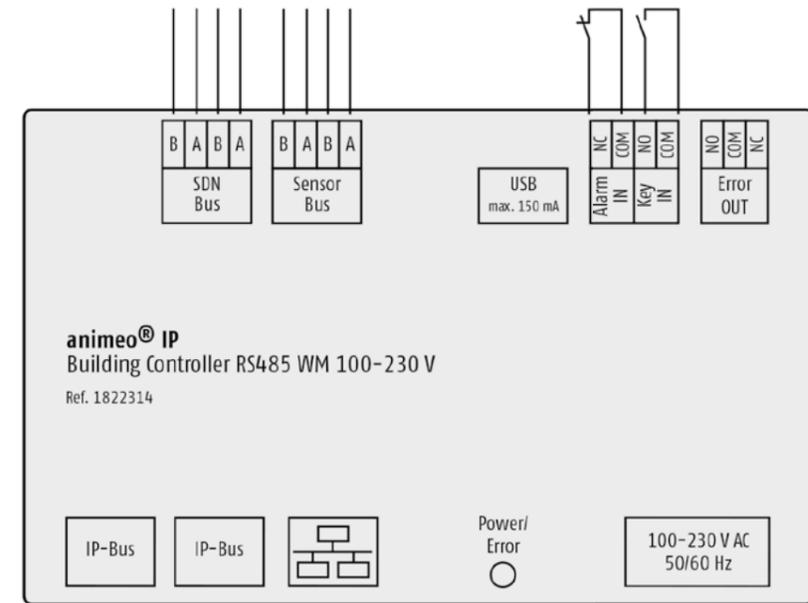
#### Wiring

Connection	Cables	Twisted pairs	Max. distance
RS485 Bus	Min.: 2 x 0.6 mm/22 AWG Max.: 2 x 0.8 mm/20 AWG	Required	1000 m/1650 ft
Sensor Bus	Min.: 2 x 0.6 mm/22 AWG Max.: 2 x 0.8 mm/20 AWG	Required	500 m/1650 ft
USB	USB 2.0 Standard A	-	10 m/3 ft
Alarm IN	Min.: 2 x 0.6 mm/22 AWG Max.: 2 x 0.8 mm/20 AWG	-	100 m/330 ft
Key switch IN	Min.: 2 x 0.6 mm/22 AWG Max.: 2 x 0.8 mm/20 AWG	-	100 m/330 ft
Error OUT	Min.: 3 x 0.6 mm/22 AWG Max.: 3 x 0.8 mm/20 AWG	-	100 m/330 ft
IP Bus	Cat. 5/100 Mbit/s	-	100 m/330 ft
LAN	Cat. 5/100 Mbit/s	-	100 m/330 ft

#### Classification

The Building Controller is an electronically and manually-operated, independently-mounted control.

- Class A control function
- Type 1 action
- Pollution degree: 2
- Rated impulse voltage: 2.5 kV
- Temperature of the ball hardness test: 82 °C
- Type X attachment
- Method of attachment for non-detachable cords: screwless spring terminal
- EMC emission test: UAC = 230 V AC IAC = 0.07 A (EN 55022 Class B emission)



### Characteristics

Supply voltage	100-230 V AC / 50/60 Hz
Stand-by current (IEC 62301)	< 0.08 A@230 V AC < 110 mA@110 V AC
Stand-by power (IEC 62301)	< 5,2 W@230 V AC < 6 W@110 V AC
Terminals	Spring connectors
Alarm IN	Normally closed, SELV 16 V DC
Key IN	Normally open, SELV 16 V DC
Error OUT	Dry contact, NC and NO, 24 V / 1 A max.
Battery	3V / Type CR 2032
Operating temperature	0 °C to 45 °C
Relative humidity	max. 85 %
Material of housing	PC-ABS
Housing dimensions (w x h x d)	100 x 175 x 50 mm
Weight	385 g
Degree of protection	IP 20
Protection class	II
Conformity	www.somfy.com/ce



Ref. 1 860 201

The IP Sub Controller expands animeo IP/RS485 and animeo IP/io installations. An IP Building Controller is essential for the integration of an IP Sub Controller.

It provides dynamic solar management by directly controlling Somfy-motorized window coverings and climate information given by a real-time weather station.

### Installation advantages

- The IP Sub Controller utilizes the IP Building Controller's integrated router to interface over an IP backbone to provide a stable connection between all appliances.
- RJ45 and spring clamb connectors for false prove connections.
- Suitable for wall-mounting and DIN-rail installation.

### Functional advantages

- Allows the expansion of the installation and the integration of additional blinds and local control points.
- The IP Sub Controller integrates additional sensors of the real-time weather station.
- Integrated IP switch for simplified connectivity of additional IP Sub Controllers (pass through).

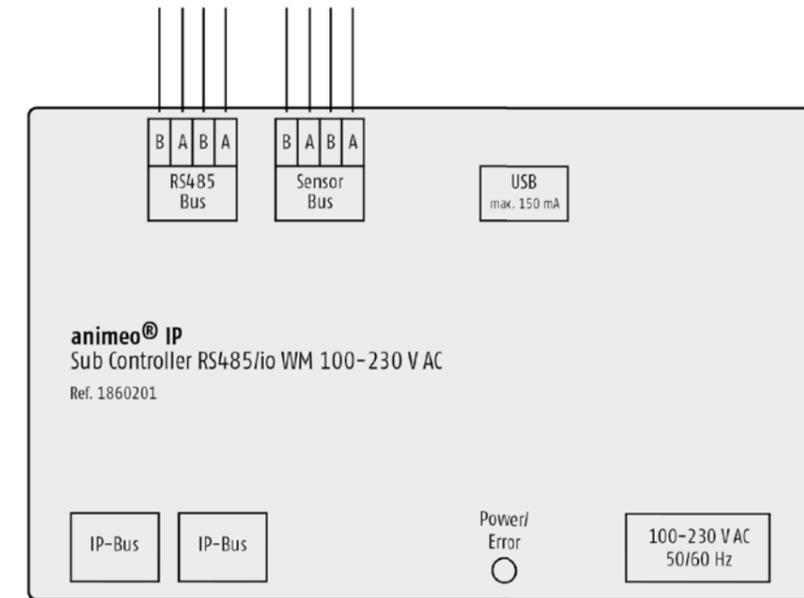
#### Wiring

Connection	Cables	Twisted pairs	Max. distance
RS485 Bus	Min.: 2 x 0.6 mm/19 AWG Max.: 2 x 0.8 mm/18 AWG	Required	1000 m/1650 ft
Sensor Bus	Min.: 2 x 0.6 mm/19 AWG Max.: 2 x 0.8 mm/18 AWG	Required	500 m/1650 ft
USB	USB 2.0 Standard A	-	1.0 m/3 ft
IP Bus	Cat. 5 / 100 Mbit/s	-	100 m/330 ft

#### Classification

The Sub Controller is an electronically and manually-operated, independently-mounted control.

- Class A control function
- Type 1 action
- Pollution degree: 2
- Rated impulse voltage: 2.5 kV
- Temperature of the ball hardness test: 82 °C
- Type X attachment
- Method of attachment for non-detachable cords: screwless spring terminal
- EMC emission test: UAC = 230 V AC  
IAC = 0.07 A (EN 55022 Class B emission)



### Characteristics

Supply voltage	100-230 V AC / 50/60 Hz
Max. operating current	< 0.08 A@230 V AC < 0.161 A@120 V AC
Stand-by current	< 5.2 W@230 V AC < 5.2 W@120 V AC
Operating temperature	0 °C to 45 °C
Relative humidity	85%
Material of housing	PC-ABS polycarbonate
Housing dimensions (w x h x d)	100 x 175 x 50 mm
Weight	377 g
Degree of protection	IP 20
Protection class	II
Conformity	www.somfy.com/ce

# DecoFlex Digital Keypad



Ref. 1 811 289

Provides user with interface to control motors individually or by group.

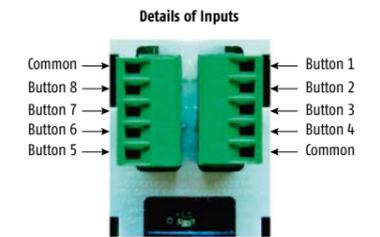
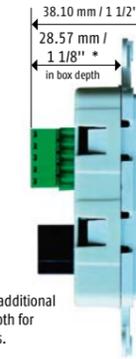
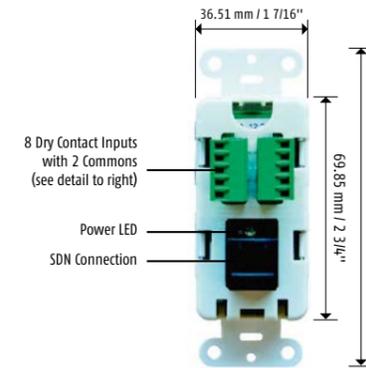
Compatible with all Somfy Digital Network installations including animeo IP/RS485.

### Installation advantages

- Single or multi-gang compatible.
- Standard Decora® size
- Powered by Somfy Digital Network Bus

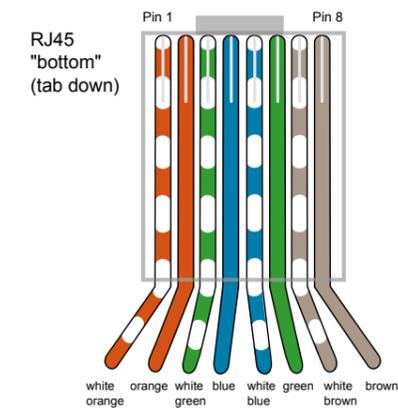
### Functional advantages

- Configurable button functionality preset.
- Auto-discoverable address and location.
- Interchangeable buttons to match selected preset.



### SDN connection

- Pin 1 SDN +
- Pin 2 SDN -
- Pin 3 NA
- Pin 4 SDN Power + 24 V
- Pin 5 SDN Power + 24 V
- Pin 6 NA
- Pin 7 SDN Power GND
- Pin 8 SDN Power GND & SDN GND



### Classification

#### CE mark

- In accordance with the EMC guideline and low voltage guideline

#### Pollutant

- Comply with RoHS

### Characteristics

Supply voltage	+ 24 V DC, supplied by Somfy Digital Network Bus
Stand-by current	9 mA @ 24 V DC
Operating temperature	0 °C to 45 °C
Relative humidity	85%
Material	Face plates & buttons: Lexan 945U
Back housing	Fire retardant grade of ABS-FR 15 Na100
Overall dimensions (without wall plate)	36.51 x 69.85 x 38.10 mm
Weight	65 g
Degree of protection	IP 20 (mounted)
Protection class	II
Conformity	www.somfy.com/ce

## BMS Interface

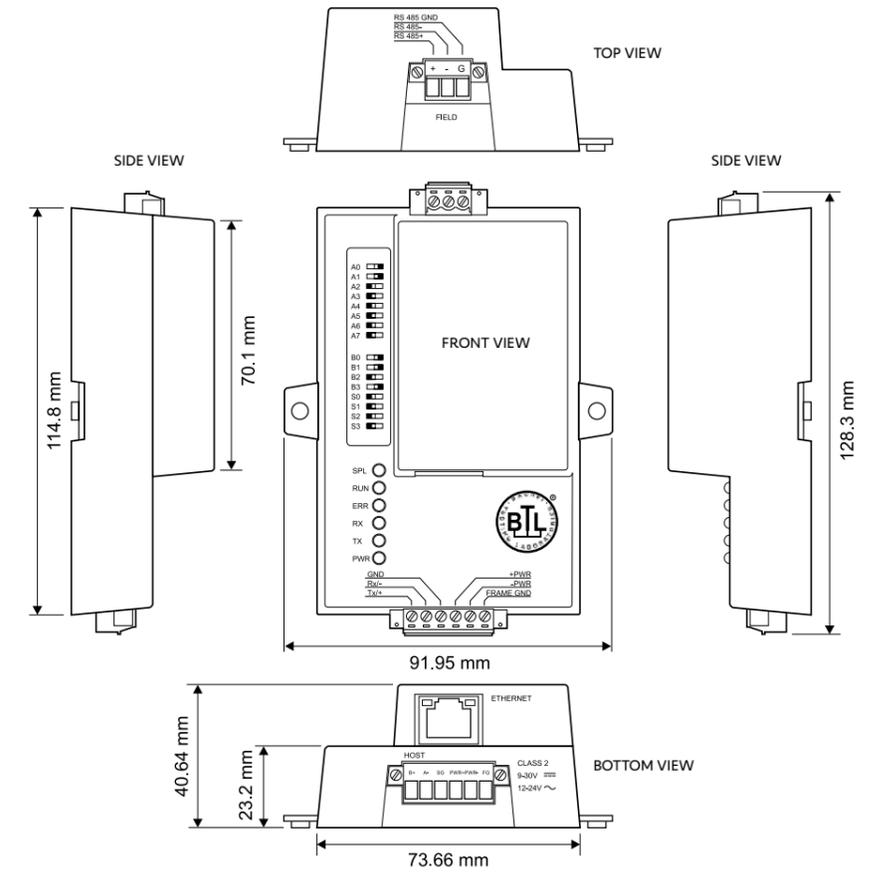
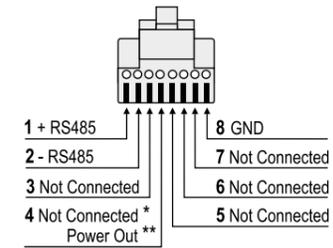
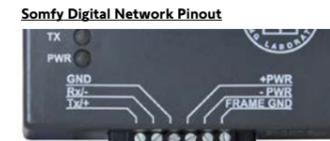
The BMS Interface provides communication between Building Management Systems and Somfy motorized shading systems. It is compatible with Stand-alone SDN, animeo IP/io and animeo IP/RS485 shade systems.



Ref. 1 822 558

This interface communicates through a direct connection to the building automation IP network or uses a BACnet translator box to send and receive signals. The BACnet to animeo IP provides third party communication to stand-alone SDN systems and animeo IP.

When utilizing the interface Somfy motorized system devices provide feedback and could be controlled by the BACnet network.



### Installation advantages

- RJ45 connector for false prove connections.
- LED indicators providing information about the status of the product, the normal operation or a system error.

### Functional advantages

- Supports up to 2 500 data points.
- Integration capabilities: Modbus, BACnet MS/TP, BACnet IP.
- Programmable through user-friendly interface.
- Auto device discovery for animeo IP.
- System control for stand-alone SDN - controls individual or motors groups:
  - Position (%) - feedback on motors only
  - Position (absolute) - feedback on motors only
  - Intermediate position
  - Up, Stop and Down control
- System control for animeo IP - controls individual or motor groups, sensors and virtual keypads:
  - Position (%) - feedback on motors only
  - Up, Stop and Down control/commands
  - Priority control
  - Sensor data - provides single direction information to BMS system

### Wiring

Connection	Cables	Twisted pairs	Max. distance
Somfy Digital Network	CAT5	Required	1.000 m/ 3.300 ft
Power	Max.: 0.8 mm <sup>2</sup> /18 AWG Min.: 0.5 mm <sup>2</sup> /20 AWG	-	10 m/33 ft
Ethernet Port	RJ45 CAT5	Required	100 m/330 ft
Field	Max.: 0.8 mm <sup>2</sup> /18 AWG Min.: 0.32 mm <sup>2</sup> /22 AWG	Required	1.000 m/3.300 ft

### Characteristics

BACNET INTERFACE	REF. 1822558
Supply voltage	24 V DC
Stand-by current (IEC 62301)	250 mA
Stand-by power (IEC 62301)	2,5 W
Terminals	Screw and RJ45 connectors
Operating temperature	0°C to 50 °C
Relative humidity	5 - 90 % RH, non-condensing
Material of housing	ABS plastic
Housing dimensions (w x h x d)	115 x 92 x 41 mm
Weight	450 g
Degree of protection	IP20
Conformity	www.somfy.com/ce

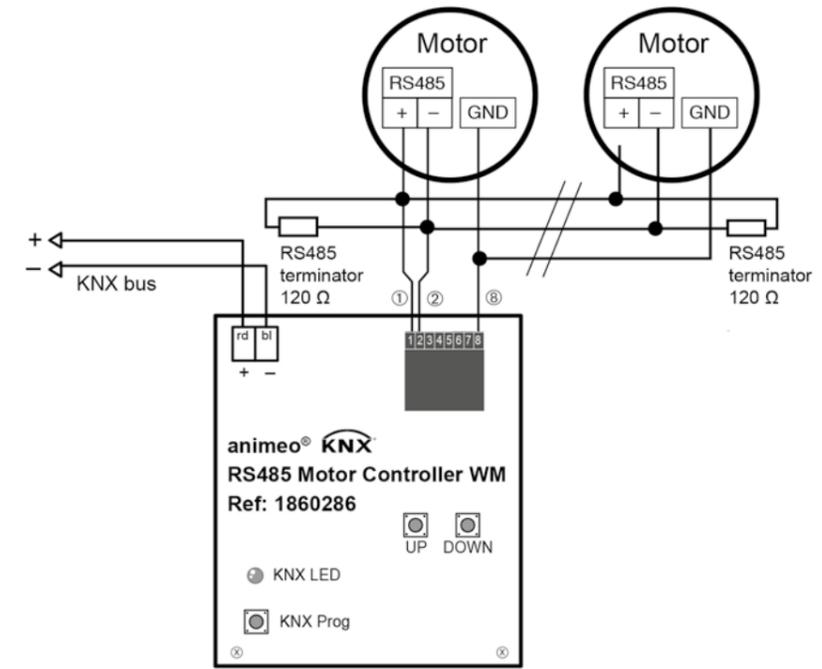
## RS485 Motor Controller WM



Ref. 1 860 286

The KNX RS485 Motor Controller enables the controlling of up to 18 motors. The motors can be controlled either individually or by groups.

RS485 motors can be connected via bridging adapter. Different motor types can be used.



### Product Features

- Flexible installation: suspended ceiling/raised floor, under-window or wall-mounted wiring channels.
- Quick installation and connection of the motor controller through:
  - Plug and play solution
  - Cable tension relief points to tighten cables to the housing of the product
  - Daisy chaining of several RS485 motors.
- With the Somfy SDN configuration software the motor settings can be done before configuring via ETS software.
- Perfect alignment of the blind thanks to the increment encoder technology of the RS485 motors.
- The exact position of the blind during move and when reaching the upper and lower end limits can be monitored.
- Using a one Byte telegram over the KNX, the blind can be moved to numerous intermediate positions.

### Wiring

Connection	Cables	Twisted pairs	Max. distance
RS485 bus Modular Jack 8P4C (RJ45)	Min.: 4 x 2 x 0.5 mm/24 AWG	Required twisted pair shielded, Impedance 100 Ω (-10 Ω/+30 Ω), Recommended CAT5-FTP, Following Somfy RS485 guidelines	200 m
KNX bus	2 x 0.8 mm/20 AWG	Required, following KNX topology guidelines	-

### Classification

The Motor Controller is an electronically and manually-operated, independently-mounted control.

- Class A control function
- Type 1 action
- Pollution degree: 2
- Temperature of the ball hardness test: 75 °C
- Type X attachment
- Method of attachment for non-detachable cords: screwless spring terminal

### Characteristics

KNX RS485 MOTOR CONTROLLER WM	REF. 1860286
Supply voltage from KNX bus	KNX voltage 21...32 V DC, SELV
Rated current consumption KNX	As per KNX guidelines, <= 12.5 mA
Supply voltage of local push buttons	SELV, 16 V DC
Terminals	RJ45
Operating temperature	- 5 °C to 50 °C
Relative humidity	max. 85 %
Material of housing	PC-ABS
Housing dimensions (w x h x d)	90 x 180 x 45 mm
Degree of protection	IP 20
Protection class	III
Pollution degree	2
Conformity	www.somfy.com/ce

## RTS Receiver 433 MHz WM



Ref. 1 860 292

**Universal radio receiver to forward orders from Somfy RTS transmitters to the KNX bus for the integration with any application.**

The receiver enables the controlling of shades, any switch function, lighting and dimming or HVAC. The receiver is simply powered over the KNX bus network.

### Installation advantages

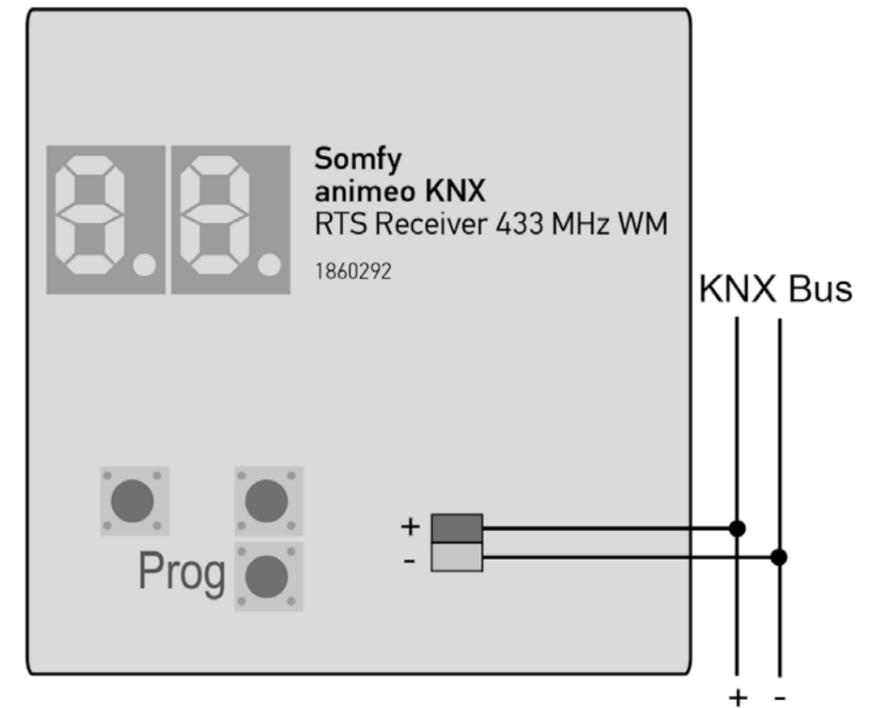
- Suitable for visible or non visible wall-mounting environments and on flush-mounted boxes.
- Somfy RTS transmitters can easily be trained in via a display independent of the ETS software.
- The device is powered over the KNX bus network.

### Functional advantages

- Enables control of all types of solar shadings and other applications (switch functions, lighting and dimming, HVAC) via the same remote control.
- Up to 10 universal radio inputs with max. 5 transmitters per input. The application per radio input is freely definable.
- Enables the use of ergonomic user interfaces such as scroll wheels (Somfy Telis Modulis) to control Venetian blinds and light dimming.
- For configuration changes radio inputs can be activated via the ETS for teaching in of transmitters without the need to physically access the receiver.

Wiring			
Connection	Cables	Twisted pairs	Max. distance
KNX bus	2 x 0.8 mm/20 AWG	Required, following KNX topology guidelines	-

Compatible
<p><b>Compatible with the following Somfy RTS transmitters.</b></p> <ul style="list-style-type: none"> <li>• Situo RTS Pure 433 MHz, Telis 1 RTS 433 MHz, Telis 4 RTS 433 MHz, Telis 1 Modulis RTS 433 MHz, Telis 4 Modulis RTS 433 MHz, Telis 6 Chronis RTS 433 MHz, Telis 16 RTS pure 433 MHz, Sunis Indoor Wirefree RTS 433 MHz, Thermosunis Indoor Wirefree RTS 433 MHz, Chronis RTS L 433 MHz, Chronis RTS Smart 433 MHz, Smoove 1 RTS 433 MHz, Smoove Origin RTS 433 MHz</li> </ul>



### Characteristics

	REF. 1860292
Supply voltage from KNX bus	KNX voltage 21...30V DC, SELV
Radio frequency	433 MHz
Radio range	20 m / 2 walls
Rated current consumption	As per KNX guidelines ≤ 12.5 mA
Operating temperature	- 5 °C to 50 °C
Relative humidity	max. 85 %
Material of housing	PA 6.6 GF 30 %/PC
Housing dimensions (w x h x d)	81 x 81 x 25 mm
Weight	60 g
Degree of protection	IP 20
Protection class	III
Pollution degree	2

# Part 3.3

## Power Supplies

## POWER SUPPLIES 24V DC



### POWER 2,7 DC 230V/24V

- 230 VAC / 24 VDC 2,7 A group power supply
- Can power up to 6 motors
- Surface mounting

Ref. 1 870 156



### POWER 1.5 CABLE 230/24V

- 230 VAC / 24 VDC 1,5 A group power supply
- Can power up to 3 motors
- Surface mounting
- Mains plug sold separately

Ref. 1 870 149



### ANIMEO DC POWER

- 230 VAC / 24 VDC group power supply
- Can power up to 11 motors
- Surface mounting
- DIN rail compatible

Ref. 1 860 093

### S51 DC SWITCH

- 5 positions whit DC rocker switch
- 2 momentary positions for pulse tilting - 2 fixed positions for lifting
- Surface mounting box sold separately #9660135

Ref. 1 870 061

### POWER SUPPLY ULTRA 24V DC US

Ref. 1 822 209

### POWER SUPPLY ULTRA 24V DC EU

Ref. 1 822 658

## 24V DC POWER SUPPLY - MOTOR COMPATIBILITY RANGE

		SONESSE 30 RS485	SONESSE 50 RS485
Ref. 1 870 149	POWER 1,5 DC W/CABLE UNIV/24 V	1	NC
Ref. 1 870 156	POWER 2,7 DC 230 V/24 V	2	
Ref. 1 870 035	GPS100	2	NC
Ref. 1 860 093	ANIMEO DC POWER	3	1
Ref. 1 822 209	POWER SUPPLY ULTRA 24V DC US	NC	1
Ref. 1 822 658	POWER SUPPLY ULTRA 24V DC EU	NC	1

## RS485 Power supply

A component designed to power RS485 Somfy Digital Network devices via the RS485 network segment.



Ref. 9 019 003

### Product Features

- Power supply with 2 x RJ45 connector to ease the wiring (in and out).
- Provides earth grounding and surge protection
- Helps protect against ESD events

### Characteristics

Output voltage	24 V DC @ 1.0 A
Input voltage	90 V AC - 260 V AC
Input rated frequency	47-63 Hz
Input current	0.6 A @ 120 V AC 0.4 A @ 240 V AC
Input inrush current	< 60 A Peak @ 120 V AC < 120 A Peak @ 230 V AC
Efficiency	min. 80 %
Output line regulation	± 1 %
Output load regulation	± 3 %
Operating temperature	0° C to 40° C
Storage temperature	- 30° C to + 70° C
Housing dimensions (w x h x d)	132 x 200 x 72 mm
Material of housing	Glass, metal and CC-ABS polycarbonate
Weight	135 g
Conformity	www.somfy.com/ce

# Part 3.4

## Accessories

# Network accessories



## RS485 6X RJ45 Bridging Adaptor



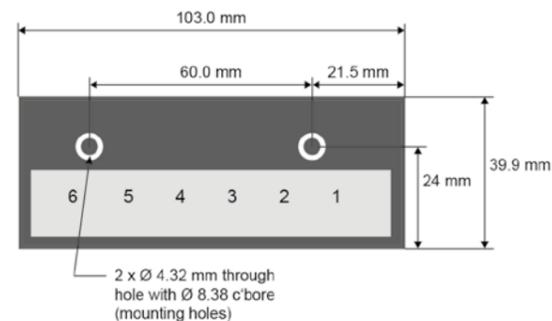
Ref. 9 019 004

A component designed to ease the connection RS485 Somfy Digital Network devices on RS485 network segment.

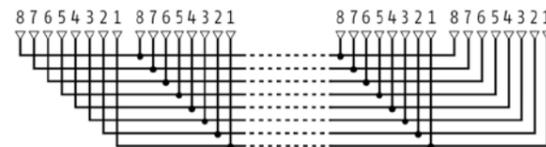
### Installation advantages

- 6 x RJ45 bridging adaptor for the wiring of the RS485 Somfy Digital Network devices.
- Two holes for mounting to a wall or panel.

### Mounting holes



### Wiring diagram



### Characteristics

Pollutant	Complies with RoHS
Materials	Housing: ABS, grey color Contacts: gold plated, phosphor bronze
Dimension	103 x 39,9 x 26,5 mm
Weight	70 g

## RS485 Terminator

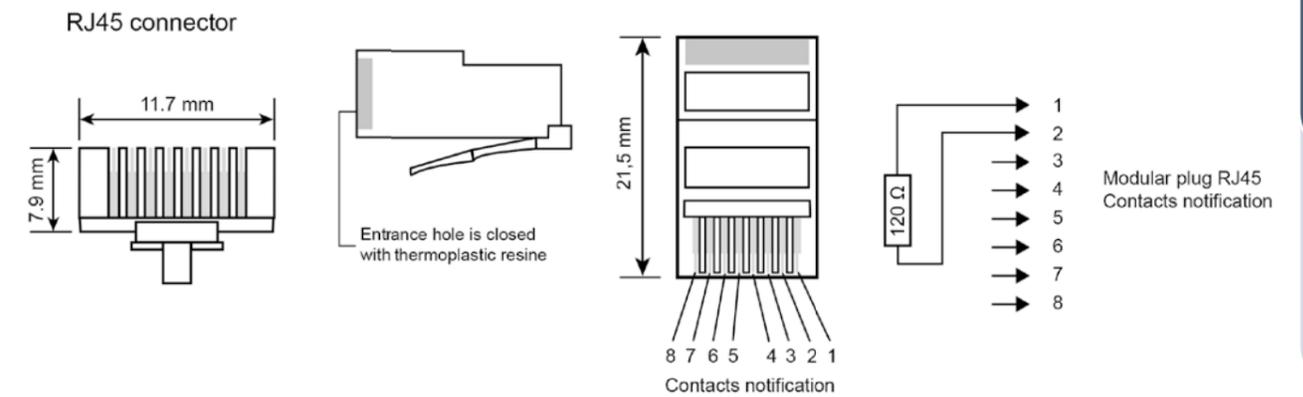


Ref. 9 019 005

A RS485 component designed to terminate RS485 network segment.

### Installation advantages

- Easy plug in RJ45



### Characteristics

Resistor	120 Ω, 0.3 W
Current rating	1.5 A
Dielectric withstanding voltage	1000 V RMS 50 Hz
Contact resistance	max. 20 mΩ
Insulation resistance	min. 500 MΩ
Output load regulation	+/- 5 %
Operating temperature	- 30° C to + 90° C
Storage temperature	- 30° C to + 90° C
Transport temperature	- 30° C to + 90° C
Housing material	Polycarbonate UL94V-2 Color: transparant
Contacts	Phosphor bronze alloy, gold plated over nickel
Pollutant	Comply witht RoHS
Weight	2 g

# Network accessories

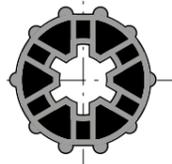
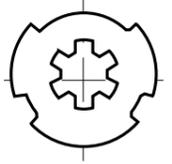
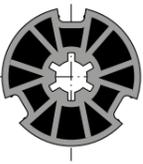
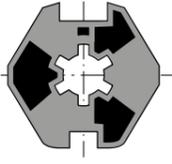
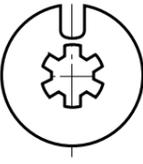
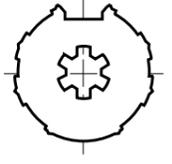
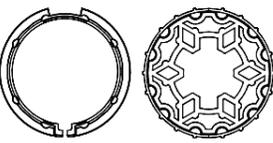
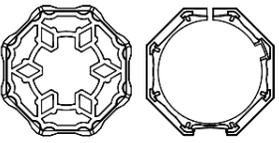
## NETWORK DATA

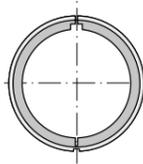
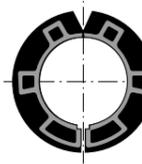
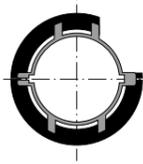
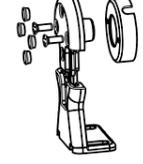
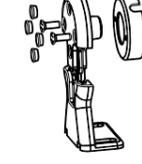
Ref. 9 014 575	<b>CAT 5 TEE</b>		<b>SDN CABLE FOR ULTRA DC TO SETTING TOOLS</b>
Ref. 9 018 490	<b>2 M CABLE RJ9 RJ45 (MALE-MALE)</b>		<b>SONESSE 30 RS485 CABLE RJ45</b>
Ref. 9 018 491	<b>20 CM CABLE RJ9 RJ45 (MALE-MALE)</b>		<b>RS485 CABLE JST II RJ45</b>
Ref. 9 019 606 / 9 020 004	<b>SDN CABLE FOR ULTRA DC</b>		<b>HUB RS485 6XRJ45</b>
Ref. 9 026095			

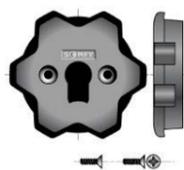
# Motor accessories

## SONESSE 30 RS485

Ref. 9 013 775		<b>SONESSE 30 CROWN &amp; DRIVE ROLLEASE 1,50"/ data-bbox="638 173 718 241"&gt; <ul style="list-style-type: none"> <li>• Sonesse 30 Crown &amp; drive</li> <li>• For Rollease</li> <li>• Tube diameter 38mm</li> </ul> </b>	Ref. 9 013 776		<b>SONESSE 30 CROWN &amp; DRIVE LS 40</b> <ul style="list-style-type: none"> <li>• Sonesse 30 Crown &amp; drive</li> <li>• Compatible with all LS 40 accessories</li> </ul>
Ref. 9 013 938		<b>SONESSE 30 CROWN &amp; DRIVE HD 38MM</b> <ul style="list-style-type: none"> <li>• Sonesse 30 Crown &amp; drive</li> <li>• For Hunter Douglas</li> <li>• Tube diameter 38mm</li> </ul>	Ref. 9 014 045		<b>SONESSE 30 CROWN &amp; DRIVE LOUVOLITE 40MM</b> <ul style="list-style-type: none"> <li>• Sonesse 30 Crown &amp; drive</li> <li>• For Louvolite</li> <li>• Tube diameter 40mm</li> </ul>
Ref. 9 015 030		<b>SONESSE 30 CROWN &amp; DRIVE BLOCKER / DUOFLOOR</b> <ul style="list-style-type: none"> <li>• Sonesse 30 Crown &amp; drive</li> <li>• For Blocker and Duofloor</li> </ul>	Ref. 9 014 794		<b>POWER CABLE JWT 2 WIRE</b>
Ref. 9 014 333		<b>SONESSE 30 CROWN &amp; DRIVE LOUVOLITE 45MM</b> <ul style="list-style-type: none"> <li>• Sonesse 30 Crown &amp; drive</li> <li>• For Louvolite</li> <li>• Tube diameter 45mm</li> </ul>	Ref. 9 014 793		<b>DCT CABLE JWT 4 WIRE</b>
			Ref. 9 015 842		<b>SONESSE RS485 CABLE</b>
			Ref. 9 019 584		<b>SONESSE 30 CROWN COULISSE RTU-38</b>
			Ref. 9 019 588		<b>SONESSE 30/ROLL UP WHEEL COULISSE RTU-38</b>

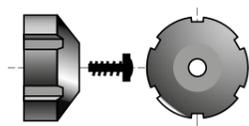
	<p><b>LS 40 WHEEL FOR ROUND TUBE</b></p> <ul style="list-style-type: none"> <li>• LS 40 wheel for round tube</li> <li>• Tube diameter 40 mm</li> </ul>		<p><b>LS 40 WHEEL FOR D.40x1.5</b></p> <ul style="list-style-type: none"> <li>• LS 40 wheel</li> <li>• For tube diameter 40x1,5mm</li> </ul>
<p>Ref. 9 132 142</p>		<p>Ref. 9 147 544</p>	
	<p><b>LS 40 WHEEL FOR TUBE DIAM 47 mm</b></p> <ul style="list-style-type: none"> <li>• LS 40 wheel</li> <li>• Tube diameter 40x1,5 mm</li> </ul>		<p><b>LS 40 WHEEL FOR TUBE 50 mm</b></p> <ul style="list-style-type: none"> <li>• LS 40 wheel</li> <li>• Tube diameter 50 mm</li> </ul>
<p>Ref. 9 500 322</p>		<p>Ref. 9 701 208</p>	
	<p><b>LS 40 WHEEL FOR TUBE</b></p> <ul style="list-style-type: none"> <li>• LS 40 hexagonal wheel</li> <li>• For Madopron tube</li> </ul>		<p><b>LS 40 WHEEL FOR TUBE WAREMA DIAM 50x1,5 mm</b></p> <ul style="list-style-type: none"> <li>• LS 40 wheel</li> <li>• For Warema</li> <li>• Tube diameter 50x1,5 mm</li> </ul>
<p>Ref. 9 132 138</p>		<p>Ref. 9 701 210</p>	
	<p><b>LS 40 WHEEL FOR TUBE 53 mm</b></p> <ul style="list-style-type: none"> <li>• LS 40 wheel</li> <li>• For Nutrohr</li> <li>• Tube diameter 53 mm</li> </ul>		<p><b>SONESSE 40 CROWN &amp; DRIVE FOR 40x1,5 mm TUBE</b></p> <ul style="list-style-type: none"> <li>• Sonesse 40 crown &amp; drive</li> <li>• Designed for silence with acoustic rubber</li> <li>• Tube diameter 40 mm</li> </ul>
<p>Ref. 9 701 213</p>		<p>Ref. 9 016 654</p>	
	<p><b>SONESSE 40 CROWN &amp; DRIVE FOR 40 mm OCTOGONAL TUBE</b></p> <ul style="list-style-type: none"> <li>• Sonesse 40 crown &amp; drive</li> <li>• Designed for silence with acoustic rubber</li> <li>• Octogonal tube diameter 40 mm</li> </ul>		<p><b>LS 40 CROWN FOR ROUND TUBE</b></p> <ul style="list-style-type: none"> <li>• LS 40 crown</li> <li>• Round tube diameter 40x1 mm</li> </ul>
<p>Ref. 9 016 655</p>		<p>Ref. 9 132 143</p>	

	<p><b>LS 40 CROWN TUBE D.40x1.5 mm</b></p> <ul style="list-style-type: none"> <li>• LS 40 crown</li> <li>• Tube 40x1,5 mm</li> </ul>		<p><b>LS 40 CROWN FOR TUBE 50 mm</b></p> <ul style="list-style-type: none"> <li>• LS 40 crown</li> <li>• Tube diameter 50 mm</li> </ul>
<p>Ref. 9 147 330</p>		<p>Ref. 9 701 207</p>	
	<p><b>LS 40 CROWN FOR TUBE</b></p> <ul style="list-style-type: none"> <li>• LS 40 crown</li> <li>• For Madopron</li> <li>• Tube diameter 50 mm</li> </ul>		<p><b>LS 40 CROWN FOR TUBE WAREMA DIAM 50x1,5 mm</b></p> <ul style="list-style-type: none"> <li>• LS 40 crown</li> <li>• For Warema</li> <li>• Tube diameter 50x1,5 mm</li> </ul>
<p>Ref. 9 132 139</p>		<p>Ref. 9 701 209</p>	
	<p><b>LS 40 CROWN DS 53x1,5 mm</b></p> <ul style="list-style-type: none"> <li>• LS 40 crown</li> <li>• For Nutrohr</li> <li>• Tube diameter 53x1,5 mm</li> </ul>		<p><b>DIAM 40 / 50 CROWN</b></p> <ul style="list-style-type: none"> <li>• Interface crown 40 / 50 mm</li> </ul>
<p>Ref. 9 701 206</p>		<p>Ref. 9 01 3762</p>	
	<p><b>LS 40 BRACKET</b></p>		<p><b>LS 40 / LT50 INTERFACE BRACKET</b></p> <ul style="list-style-type: none"> <li>• To switch from 40 mm round head to 50 mm star head</li> </ul>
<p>Ref. 9 500 683</p>		<p>Ref. 9 500 669</p>	
	<p><b>LS 40 INTERMEDIATE BRACKET</b></p> <ul style="list-style-type: none"> <li>• For multibanding applications</li> </ul>		<p><b>LS 40 PLUG END BRACKET PIN D.8</b></p> <ul style="list-style-type: none"> <li>• LS 40 bracket plug end 0,8</li> </ul>
<p>Ref. 9 500 687</p>		<p>Ref. 9 500 685</p>	



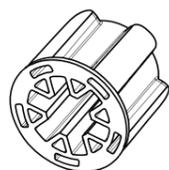
**LS 40 / LT50 BRACKET**  
 • To switch from 40 mm round head to 50 mm star head

Ref. 9 500 659



**LS 40 STOP WHEEL**  
 • Sonesse 30 Crown & drive  
 • For Louvolite  
 • Tube diameter 40 mm

Ref. 9 147 894



**LS 40 / LT50 INTERFACE SHAFT USING LIMIT VULCAN 13/8**  
 • To switch for 40 mm output shaft to 50 mm output shaft

Ref. 9 500 330



**DIAM 40 / 50 ADAPTORS KIT**  
 • Stop wheel  
 • Interface crown 40 / 50 mm  
 • Interface shaft 40 / 50 mm

Ref. 9 013 763

COVER, SCREWS, MOTOR PLATES, WHEEL



**DIAMETER 40 RS485 WHITE COVER**  
 • Qty: 20 pcs  
 • Color: white

Ref. 9 026 090



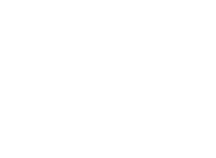
**DIAMETER 40 RS485 GREY COVER**  
 • Qty: 20 pcs  
 • Color: grey

Ref. 9 026 091



**DIAMETER 40 RS485 BLACK COVER**  
 • Qty: 20 pcs  
 • Color: black

Ref. 9 026 092

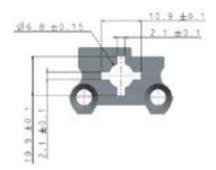


**SCREW FOR DIAM 40 RS485 COVER & ADAPTATION PLATE**  
 • Qty: 20 pcs  
 • Color: green

Ref. 9 026 093

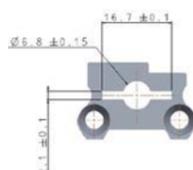
**SCREWS FOR DIAM 40 RS485 NEW 19MM HOLES**  
 • Qty: 40 pcs

Ref. 9 026 094



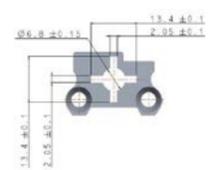
**MOTOR PLATE 10x1.8MM**  
 • For actuators Up to 4 N.m

Ref. 9 025 996



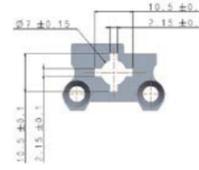
**MOTOR PLATE ROLLEASE 580**  
 • For actuators Up to 4 N.m

Ref. 9 025 997



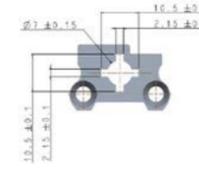
**MOTOR PLATE ACMEDA 12**  
 • For actuators Up to 4 N.m

Ref. 9 025 999



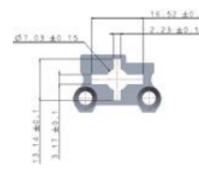
**MOTOR PLATE ROLLEASE 16x3.2MM**  
 • For actuators Up to 4 N.m

Ref. 9 026 000



**MOTOR PLATE MECO PIN 10**  
 • For actuators Up to 4 N.m

Ref. 9 026 001



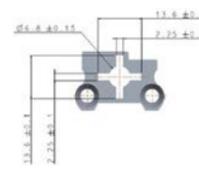
**MOTOR PLATE MECO PIN 16**  
 • For actuators Up to 9 N.m

Ref. 9 026 002



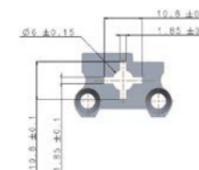
**MOTOR PLATE ROLLEASE SKYLINE**  
 • For actuators Up to 3 N.m

Ref. 9 026 003



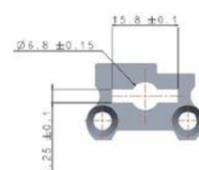
**MOTOR PLATE VERTILUX**  
 • For actuators Up to 4 N.m

Ref. 9 026 004



**MOTOR PLATE SCREEN INNOVATION**  
 • For actuators Up to 4 N.m

Ref. 9 026 005



**MOTOR PLATE BENTHIN FUTURA L ROLLO**

Ref. 9 026 009



**100 LS40 SCREWS**

Ref. 6 70 037



**ABS WHEEL 40 LEFT**  
 • For zip screen applications

Ref. 9 704 139



**ABS WHEEL 40 RIGHT**  
 • For zip screen applications

Ref. 9 704 138



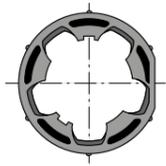
**PLAQUETTE LOW STUD SQUARE 10x10**

Ref. 9 147 334



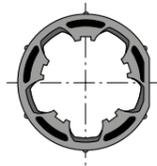
**KIT CROWN AND DRIVE HD50 (OLD & NEW) FOR LS40**

Ref. 9 014 574



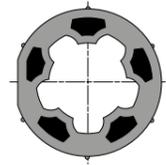
- LT50 WHEEL 50x1.5 HARD CLIP**
- LT50 wheel
  - Tube diameter 50x1,5mm
  - Hard clip

Ref. 9 410 414



- LT50 WHEEL 50x1,5 WEAK CLIP LIMIT 50NM**
- LT50 wheel
  - Tube diameter 50x1,5mm
  - Soft clip

Ref. 9 410 415



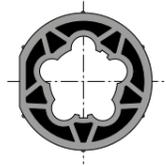
- LT50 WHEEL FOR TUBE D60**
- LT50 wheel
  - Tube diameter 60x1,5mm
  - Hard clip

Ref. 9 751 013



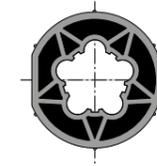
- LT50 WHEEL FOR TUBE D63 x1,5 SOFT CLIP**
- LT50 wheel
  - Tube diameter 63x1,5mm
  - Soft clip

Ref. 9 206 041



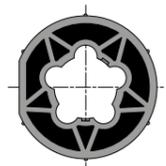
- LT DRIVE WHEEL DIAM 63MM**
- Drive wheel for LT
  - Tube diameter 63mm
  - Hard clip

Ref. 9 206 019



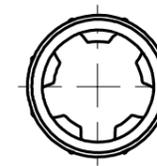
- LT50 WHEEL FOR TUBE D70 x1.5 SOFT CLIP**
- LT50 wheel
  - Tube diameter 70mm
  - Soft clip

Ref. 9 206 026



- LT50 WHEEL FOR TUBE D70 x2**
- LT50
  - Tube 70mm

Ref. 9 420 313



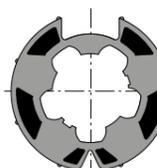
- LT50 WHEEL TUBE WAREMA D50**
- LT50 wheel
  - For Warema
  - Tube diameter 50mm

Ref. 9 707 125



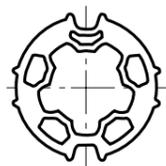
- LT50 WHEEL TUBE 60 GRIESSER**
- LT50 wheel
  - For Griesser 60 soloscreen
  - Tube diameter 60mm

Ref. 9 410 401



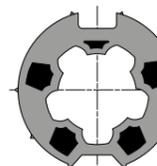
- LT50 WHEEL FOR TUBE D.62 DEPRAT**
- LT50 wheel
  - For Deprat F2000
  - Tube diameter 62mm

Ref. 9 410 302



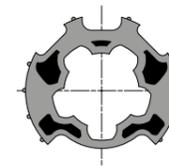
- LT50 WHEEL FOR TUBE D.62**
- LT50 wheel
  - Tube diameter 62mm
  - Hard clip

Ref. 9 751 006



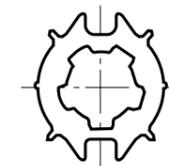
- LT50 WHEEL FOR TUBE D.63 BK STO REN**
- LT50 wheel
  - For BK STO BEN
  - Tube diameter 63mm
  - Hard clip

Ref. 9 751 014



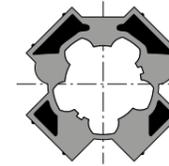
- LT50 WHEEL FOR TUBE D.65 MADOPRON, SUNMASTER**
- LT50 wheel
  - For Madopron, Sunmaster
  - Tube diameter 65mm
  - Hard clip

Ref. 9 751 002



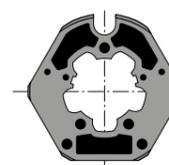
- LT50 WHEEL FOR PERMA TUBES**
- LT50 wheel
  - For Perma Tubes

Ref. 9 751 015



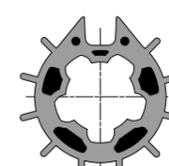
- LT50 WHEEL TUBE OCTO 60**
- LT50 wheel
  - Octagonal tube diameter 60mm
  - Hard clip

Ref. 9 410 304



- LT50 WHEEL FOR TUBE D.70 GRIESSER**
- LT50 wheel for tube diameter 70
  - Hard clip

Ref. 9 410 406



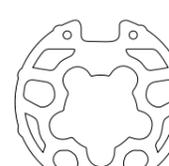
- LT50 WHEEL FOR TUBE D.70 DOHN WIH GUT IMBAC D.71 x2**
- LT50 wheel
  - Tube diameter 71x2mm
  - Hard clip

Ref. 9 751 005



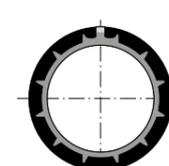
- LT50 WHEEL FOR TUBE D.74**
- LT50 wheel
  - Tube diameter 74mm
  - Hard clip

Ref. 9 751 009



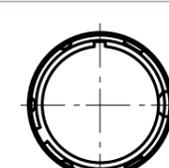
- LT50 WHEEL FOR TUBE D.71 PERMA**
- LT50 wheel
  - For Perma
  - Tube diameter 71mm
  - Hard clip

Ref. 9 761 011



- LT50 CROWN FOR TUBE D.60**
- LT50 crown
  - Tube diameter 60mm

Ref. 9 707 033



- LT50 CROWN DS 63x1.5**
- LT50 crown
  - Tube diameter 63mm

Ref. 9 707 029



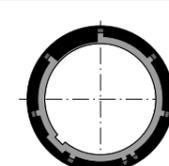
- LT50 CROWN FOR TUBE D.70**
- LT50 crown
  - Tube diameter 70mm

Ref. 9 707 031



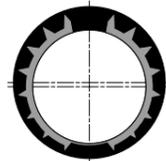
- LT50 CROWN TUBE 60 GRIESSER**
- LT50 crown
  - For Griesser 60 soloscreen
  - Tube diameter 60mm

Ref. 9 410 402



- LT50 CROWN FOR TUBE D.62 F2000**
- LT50 crown
  - Tube diameter 62mm

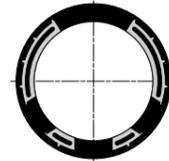
Ref. 9 410 300



**LT50 CROWN TUBE E-DS 63**

- LT50 crown
- Tube diameter 63mm

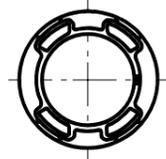
Ref. 9 707 028



**LT50 CROWN FOR TUBE MP 65**

- LT50 crown
- Tube diameter 65mm

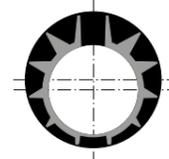
Ref. 9 707 030



**LT50 CROWN FOR PERMA 68 / 70 / 71**

- LT50 crown
- For Perma
- Tube diameter 68mm, 70mm, 71mm

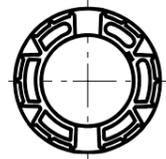
Ref. 9 707 036



**LT50 CROWN FOR DOHNER 70**

- LT50 crown
- For Dohner
- Tube 70mm

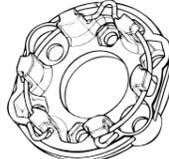
Ref. 9 707 034



**LT50 CROWN FOR DOHNER D.74**

- LT50 crown
- For Dohner
- Tube diameter 74mm

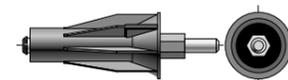
Ref. 9 707 037



**UNIVERSAL BRACKET WITH CLIP**

- Max torque: 85Nm
- White laquered
- 2 holes  $\varnothing$  6mm - 48mm entraxe
- 2 holes  $\varnothing$  8mm - 60mm entraxe
- Delivered without screws

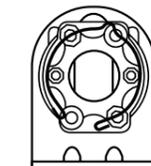
Ref. 9 002 516



**ADJUSTABLE PLUG END PIN D10**

- Adjustable Plug end
- Max: LT50 50Nm
- Max with FTS system: FTS50 25/17

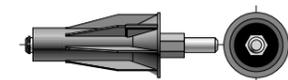
Ref. 9 420 800



**LT50 ADJUSTABLE AWNING BRACKET**

- Max: 25Nm

Ref. 9 002 550



**ADJUSTABLE PLUG END PIN D12**

- Adjustable Plug end
- Max/ LT50 50Nm
- Max with FTS system: FTS50 25/17

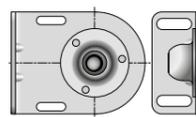
Ref. 9 420 801



**VIBRATION FREE LT50 BRAC. 90MM**

- Max: 40Nm
- Fixing entraxe: 90mm
- It has to be sold with some advices concerning the installation (i.e. treatment of the end product and its fixation)

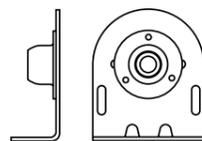
Ref. 9 410 739



**ZINCKED PLUG END BRACK. PIN 12**

- For pin  $\varnothing$ 12mm
- Max: LT50 50Nm

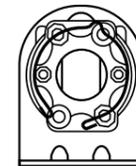
Ref. 9 410 633



**LACQUERED PLUG END BRACKET FOR PIN 12**

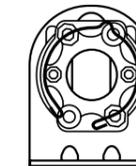
- For pin  $\varnothing$ 12mm
- Max: LT50 50Nm

Ref. 9 410 634



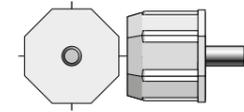
**ZINCKED LT50 BRACKET**

Ref. 9 416 51



**WHITE LQ LT50 BRACKET**

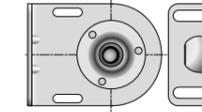
Ref. 9 410 652



**OCTOGONAL PLUG END FOR DEPRAT**

- For pin  $\varnothing$  8mm
- Max: 8Nm

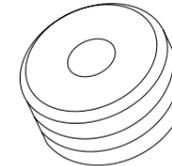
Ref. 9 137 018



**ZINCKED PLUG END BRACK. PIN 10**

- For pin  $\varnothing$ 12mm
- Max: LT50 50Nm

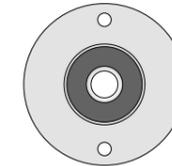
Ref. 9 4106 35



**ANTIVIBRATION WASHER**

- Max torque: 85Nm to be used with ref. 9 127 808

Ref. 9 410 735



**VIBRATION FREE PLUG END BRACKET**

- Max: 8Nm

Ref. 9 701 310



**TELESCOPIC END CAP D10 FOR SONESSE 50**

- Max: 4Nm
- Rn  $\varnothing$ 10mm

Ref. 9 013 592



**TELESCOPIC END CAP D12 FOR SONESSE 50**

- Max: 4Nm
- Rn  $\varnothing$ 12mm

Ref. 9 013 593



**SONESSE 50 WHEEL SOFT CLIP TUBE 50 x 1.5MM**

- Max: 15Nm
- Soft clip
- For tube 50 x 1,5mm

Ref. 9 018 455



**SONESSE 50 WHEEL HARD CLIP TUBE 50 x 1.5MM**

- Max: 15Nm
- Hard clip
- For tube 50 x 1,5mm

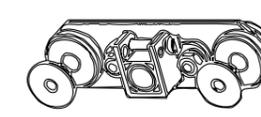
Ref. 9 016 630



**SONESSE 50 TELESCOPIC END CAP D10**

- Max: 15Nm
- Rn  $\varnothing$ 10mm
- For tube 50 x 1,5mm

Ref. 9 016 628



**VIBRA. FREE PLU END BRAC. 90MM**

- Max: LT50 40Nm
- Fixing entraxe: 90mm
- Compatible with the plug ends with a pin  $\varnothing$  12
- It has to be sold with some advices concerning the installation (i.e. treatment of the end product and its fixation)

Ref. 9 410 740



**SONESSE 50 TELESCOPIC END CAP D12**

- Max: 15Nm
- Rn Ø12mm
- For tube 50 x 1,5mm

Ref. 9 018 228



**SONESSE 50 UQ UNIVERSAL END CAP**

- 10mm shaft

Ref : 9 019 716



**SONESSE 50 UQ UNIVERSAL END CAP**

- 12mm shaft

Ref. 9 019 717

# Curtain

## Heavy duty accessories

### COMPONENTS



**PULLEY GA**

- Pulley assembly to put opposite the motor side
- Color: White
- Does not come with hooks
- Unit weight: 82 g

Ref. 1 780 897



**SMALL PULLEY GA**

- Pulley assembly to put opposite the motor side
- Color: White
- Does not come with hooks

Ref. 1 782 318



**DRIVE PULLEY GA**

- Pulley assembly to use on the motor side
- Color: White
- Does not come with hooks z
- Unit weight: 73 g

Ref. 1 780 945



**RAIL 5m BY 4 GA**

- 5 m long track aluminium profile z Color: White
- Delivered in a box with 4 rails

Ref. 1 781 379



**RAIL 16FT BY 6 GA**

- 16 ft long track aluminium profile
- Color: White
- Delivered in a box with 6 rails

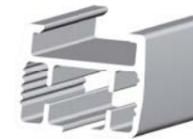
Ref. 9 019 943



**10 mm PRELUB BELT 55 m ROLL GA**

- Roll of 55 m reel, 10 mm black pre-lubed belt
- Approx. 2 times the length of the track is necessary
- Can be used on all track configurations & shape including ripple curtain to the maximum weight capacity of somfy curtain motors

Ref. 1 782 084



**NON PAINTED RAIL 5.8m BY 4 GA**

- Must be painted before used, (painted guideline to be followed)
- 5 m long track aluminium profile
- Color: White
- Delivered in a box with 4 rails
- Only ship by truck & boat

Ref. 1 782 562



**HEAVY DUTY MASTER CARRIER GA**

- Heavy Duty & quiet one piece non articulating master carrier
- Can be used on all track configurations & shape including ripple curtain to the maximum weight capacity of somfy curtain motors

Ref. 1 781 344

CLASSIC ACCESSORIES



**ROTATING EYE RUNNER GA**

- Runner mounted on wheels with rotating eyelet
- Can not be used with ripplefold
- Width: 14 mm / Max load: 1.5 kg
- Qty: typical 10 per meter
- Color: White
- Unit weight: 3.2 g

Ref. 1 780 892



**HIGHT PERFORMANCE ROTATING EYE RUNNER**

- Runner mounted on wheels with rotating eyelet
- Can not be used with ripplefold
- Wheel shape make it quieter
- Qty: typical 10 per meter
- Color: White
- Unit weight: 3.2 g

Ref. 1 781 415



**HEAVY DUTY STRAIGHT ARM GA**

- Stainless steel arm to be optionally screwed on the heavy duty master carrier of two way tracks. Allows to hang curtain with pleates with 3 pitch
- Unit weight: 29 g

Ref. 1 781 416



**HEAVY DUTY OVERLAP ARM KIT GA**

- Stainless steel overlap arm with roller wheel to be used on the heavy duty master carrier on one way tracks or two way system when additional blackout is needed

Ref. 1 781 417



**MOTOR HOOK GA**

- Plastic hook to hang the curtain on the pulleys. Quantity needed is minimum 1 for one way tracks & 2 for two way tracks. More might be needed
- Color: White
- Unit weight: 2.3 g

Ref. 1 780 895

RIPPLEFOLD ACCESSORIES



**RIPPLE RUNNER 1 7/8 GA**

- Runner mounted on wheels for 120% fullness ripple curtains. Supplied in a roll of 500 runners. Cord already snapped on the runner body. 500 snap penpands supplied in a different bag.
- Width 14 mm / Max. load: 1.5 kg
- Qty usually 21/m

Ref. 1 780 901



**RIPPLE RUNNER 2 3/8 GA**

- Runner mounted on wheels for 80% fullness ripple curtains. Supplied in a roll of 500 runners. Cord already snapped on the runner body. 500 snap penpands supplied in a different bag.
- Width 14 mm / Max. load: 1.5 kg
- Qty usually 17/m

Ref. 1 780 903



**RIPPLE RUNNER 2 1/8 GA**

- Runner mounted on wheels for 100% fullness ripple curtains. Supplied in a roll of 500 runners. Cord already snapped on the runner body. 500 snap penpands supplied in a different bag.
- Width 14 mm / Max. load: 1.5 kg
- Qty usually 19/m

Ref. 1 780 902



**RIPPLE ONE WAY BUTT ARM GA**

- Steel arms kit

Ref. 1 780 902



**RIPPLE MOTOR HOOK GA**

- Specific plastic hook with a female snaps to use for ripple curtains
- Color: White

Ref. 1 780 905



**RIPPLE SNAP TAPE 91M ROLL**

- Ripple snap tape 4 1/4 (108 mm) reel of 91 m

Ref. 1 782 301



**RIPPLE STRAIGHT ARM**

- Stainless steel arm to be screwed on the heavy duty master carrier on two way track when a ripple curtain with overlap solution is needed.

Ref. 1 780 946



**RIPPLE OVERLAP ARM KIT**

- Stainless steel overlap with roller wheel to be used with the heavy duty master carrier on one way ripple curtain with overlap.

Ref. 1 780 947



**SMALL RIPPLE OVERLAP ARM GA KIT**

- Stainless steel overlap arm with roller wheel to be used with the heavy duty master carrier on two way ripple and classic curtain with overlap solution (for better curtain look)

Ref. 1 782 320



**SMALL RIPPLE UNDERLAP ARM GA KIT**

- Stainless steel underlap arm with roller wheel to be used with the heavy duty master carrier on two way ripple and classic curtain with overlap solution (for better curtain look)

Ref. 1 782 321



**ROTATING RIPPLE EYELET RUNNER 60 mm GA**

- Runner mounted on wheels for ripple curtains. Supplied in a roll of 500 runners. Cord is already snapped on the runner body. 500 rotating runner eyelet supplied in a different bag
- No need to use snap tape

Ref. 1 782 310



**ROTATING RIPPLE EYELET RUNNER 80 mm GA**

- Runner mounted on wheels for ripple curtains. Supplied in a roll of 500 runners. Cord is already snapped on the runner body. 500 rotating runner eyelet supplied in a different bag
- No need to use snap tape

Ref. 1 782 848

## RIPPLEFOLD ACCESSORIES



### 90 DEGREE MOTOR ADAPTOR

- Compatible with Glydea and Movelite pulley, provides for 90 degree positioning of the motor, enabling consistent fabric fold

Ref. 9 027 179



### RIPPLE ARM ADJUSTABLE KITS

- Provides consistent fabric fold for Ripplefold applications

Ref. 9 027 045

## BRACKETS



### SWIVEL CEILING BRACKET GA

- Swivel ceiling bracket
- Minimized light gap (2 mm)
- Color: Zinc plated
- Minimum qty necessary 2.5/m
- Unit weight: 12.5 g

Ref. 1 780 906



### ONE TOUCH CEILING BRACKET GA

- Ceiling bracket allows for easy positioning of the fixing holes & snap on mounting of the track
- Color: White
- Minimum qty necessary 2.5/m
- Unit weight: 20 g

Ref. 1 780 907



### CEILING FIXING PLATE

- Ceiling bracket allows for easy positioning & fix the track on the ceiling
- Color: White
- Minimum qty necessary 0.5 per meter
- Unit weight: 20 g

Ref. 1 782 789



### ADJUSTABLE WALL MOUNT BRACKET GA

- Wall mount angle bracket with minimum 100 mm projection & 34 mm extension capability
- Can be used in combination with ceiling brackets 1 780 906 & 1 780 907. Supplied with the screws to fix one ceiling brackets
- No ceiling bracket supplied

Ref. 1 780 909



### DOUBLE ADJUSTABLE WALL MOUNT BRACKET GA

- Wall mount angle bracket with minimum 100 mm projection & 34mm extension capability
- Can be used in combination with ceiling brackets 1780906 & 1780907. Supplied with the screws to fix one ceiling brackets
- No ceiling bracket supplied

Ref. 1 780 910



### HEAVY DUTY RAIL JOINT GA

- Stronger piece to link two rails

Ref. 1 782 316

## SPARE PARTS, ELECTRICAL ACCESSORIES, TOOLS



### TOP MOUNT KIT GA

- Kit of accessories to allows the Up side Down installation

Ref. 1 780 908



### ROTATING RUNNER EYLET GA

- Standard runner eylet spare parts

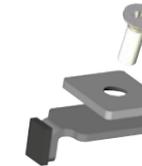
Ref. 1 781 913



### RIPPLE PENDANT GA

- Ripple runner pendant

Ref. 1 780 948



### PULLEY STOPPER GA

- Spare pulley stopper assembly as a kit
- Unit weight: 5 g

Ref. 1 780 954



### PULLEY COVER GA

- Spare pulley cover
- Color: White
- Unit weight: 9.5 g

Ref. 1 780 898



### DCT 2.5 m CABLE

- Wire, 2.5 m cable equipped with RJ12 plug to use during installation in combination with the DCT tool

Ref. 9 015 443

## SILENT ACCESSORIES



### SILENT MASTER CARRIER

- Silent master carrier
- Can be used on all track configurations & shape including ripple curtain

Ref. 1 782 922



### SILENT ROTATING EYE RUNNER

- Runner mounted on wheels with rotating eyelet
- Width: 14 mm / Max load: 1.5 kg
- Qty: typical 10 per meter
- Color: White

Ref. 1 782 921



### RIPPLE RUNNER W/EYELET 80 SILENT

- Runner mounted on wheels for ripple curtains. Supplied in a roll of 250 runners. Cord is already snapped on the runner body. 250 rotating runner eyelet supplied in a different bag
- No need to use snap tape

Ref. 9 027 590



### RIPPLE RUNNER W/EYELET 60 SILENT

- Runner mounted on wheels for ripple curtains. Supplied in a roll of 250 runners. Cord is already snapped on the runner body. 250 rotating runner eyelet supplied in a different bag
- No need to use snap tape

Ref. 9 027 591



### RIPPLE RUNNER 2 3/8" SILENT

- Runner mounted on wheels for 80% fulness ripple curtains. Supplied in a roll of 250 runners. Cord already snapped on the runner body. 250 snap penpands supplied in a different bag.
- Width 14 mm / Max. load: 1.5 kg
- Qty usually 17/m

Ref. 9 027 592



### RIPPLE RUNNER 2 1/8" SILENT

- Runner mounted on wheels for 100% fulness ripple curtains. Supplied in a roll of 250 runners. Cord already snapped on the runner body. 250 snap penpands supplied in a different bag.
- Width 14 mm / Max. load: 1.5 kg
- Qty usually 19/m

Ref. 9 027 593



### RIPPLE RUNNER 1 7/8" SILENT

- Runner mounted on wheels for 120% fulness ripple curtains. Supplied in a roll of 250 runners. Cord already snapped on the runner body. 250 snap penpands supplied in a different bag.
- Width 14 mm / Max. load: 1.5 kg
- Qty usually 21/m

Ref. 9 027 594



### RIPPLE FOLD RUNNER FIXING HOLDER

- Allows simple connection of Ripple fold runner to Master Carrier
- 30pcs/box

Ref. 9 027 657

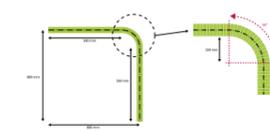
## BENT RAILS FROM LOGISTICS



### GA BENT RAIL

- 750x750mm
- R: 300 mm
- A: 45°

Ref. 1 782 258



### GA BENT RAIL

- 900x900mm
- R: 300 mm
- A: 90°

Ref. 1 782 259

# Part 4 Tools & Guides





# Guides

## SDN Integration guide

### Purpose of this tool

- Explain the technical information needed to create and manage SDN devices (protocol information).

### Where to get it ?

- Available in Somfy Project website:  
[www.somfy.com/projects/downloads](http://www.somfy.com/projects/downloads)



## SDN Wiring guide

### Purpose of this tool

- Document summarizing the mandatory wiring rules of the hardware installation.

### Where to get it ?

- Available in Somfy Project website:  
[www.somfy.com/projects/downloads](http://www.somfy.com/projects/downloads)

# Part list

## Shade and curtain motorisation

### SONESSE 30 RS485

Description	
Ref. 1 241 144	Sonesse 30 RS485 2/25
Ref. 1 241 145	Sonesse 30 RS485 2/25

### SONESSE 40 RS 485

Description	
Ref. 1 240 555	Sonesse 40 RS485 3/30 VVF3M UNIT
Ref. 1 240 557	Sonesse 40 RS485 6/20 VVF3M UNIT
Ref. 1 240 558	Sonesse 40 RS485 9/12 VVF3M UNIT
Ref. 1 240 836	Sonesse 40 RS485 3/30 VVF3M UNIT SCT
Ref. 1 240 837	Sonesse 40 RS485 6/20 VVF3M UNIT SCT
Ref. 1 240 838	Sonesse 40 RS485 9/12 VVF3M UNIT SCT
Ref. 1 240 839	Sonesse 40 RS485 3/30 VVF3M UNIT
Ref. 1 240 840	Sonesse 40 RS485 6/20 VVF3M UNIT
Ref. 1 240 841	Sonesse 40 RS485 9/12 VVF3M UNIT KUKAS CMIM
Ref. 1 240 559	404S2 Sonesse 40 RS485 4/36 3M UNIT
Ref. 1 240 560	406A2 Sonesse 40 RS485 6/24 3M UNIT
Ref. 1 240 561	409R2 Sonesse 40 RS485 9/14 3M UNIT
Ref. 1 240 562	404S2 Sonesse 40 RS485 4/36 FC UNIT
Ref. 1 240 563	406A2 Sonesse 40 RS485 6/24 FC UNIT
Ref. 1 240 564	409R2 Sonesse 40 RS485 9/14 FC UNIT
Ref. 1 240 565	403S6 Sonesse 40 RS485 3/36 SASO VVF3M UNIT
Ref. 1 240 566	406A6 Sonesse 40 RS485 6/24 SASO VVF3M UNIT
Ref. 1 240 567	409R6 Sonesse 40 RS485 9/14 SASO VVF3M UNIT
Ref. 1 240 568	403S6 Sonesse 40 RS485 3/36 KC VVF3M BAR
Ref. 1 240 569	406A6 Sonesse 40 RS485 6/24 KC VVF3M BAR
Ref. 1 240 570	409R6 Sonesse 40 RS485 9/14 KC VVF3M UNIT
Ref. 1 240 842	403S6 Sonesse 40 RS485 3/36 VVF3M UNIT
Ref. 1 240 843	406A6 Sonesse 40 RS485 6/24 VVF3M UNIT
Ref. 1 240 844	409R6 Sonesse 40 RS485 9/14 VVF3M UNIT

### LT 50 RS485

Description	
Ref. 1 002 513	505S6 LT RS485 5/38 SASO VVF3M UNIT
Ref. 1 002 514	512S6 LT RS485 12/38 SASO VVF3M UNI
Ref. 1 002 517	LT 50 RS485 6/32 VVF3M CCC
Ref. 1 002 518	LT 50 RS485 15/32 VVF3M CCC
Ref. 1 002 519	LT 50 RS485 6/17 RRF3M CCC
Ref. 1 002 520	LT 50 RS485 15/17 RRF3M CCC
Ref. 1 002 521	LT 50 RS485 35/17 RRF3M CCC
Ref. 1 002 524	506S2 LT 50 RS485 6/38 VVF3M CCC
Ref. 1 002 525	515S2 LT 50 RS485 15/38 VVF3M CCC

### SONESSE 50 RS485

Description	
Ref. 1 002 286	506S2 Sonesse RS485 6/32 SJTW
Ref. 1 002 287	512S2 Sonesse RS485 12/32 SJTW
Ref. 1 002 382	Sonesse 50 RS485 6/28 VVF3M UN
Ref. 1 002 383	Sonesse 50 RS485 12/28 VVF3M UN
Ref. 1 002 384	505S3 Sonesse RS485 5/28-32 BAR
Ref. 1 002 385	510S3 Sonesse RS485 10/28-32BAR
Ref. 1 002 499	Sonesse 50 RS485 6/17 VVF3M UN
Ref. 1 002 500	Sonesse 50 RS485 15/17 VVF3M UN
Ref. 1 002 505	505S6 Sonesse RS485 5/32 VVF3M KC
Ref. 1 002 506	510S6 Sonesse RS485 10/32 VVF3M KC
Ref. 1 002 511	505S6 Sonesse RS485 5/32 VVF3M
Ref. 1 002 512	510S6 Sonesse RS485 10/32 VVF3M
Ref. 1 002 515	505S6 Sonesse RS485 5/32 VVF3M SASO
Ref. 1 002 516	510S6 Sonesse RS485 10/32 VVF3M SASO
Ref. 1 002 522	Sonesse 50 RS485 6/28 VVF3M CCC
Ref. 1 002 523	Sonesse 50RS485 12/28 VVF3M CCC
Ref. 1 002 526	506S2 Sonesse RS485 6/32 VVF3M
Ref. 1 002 527	512S2 Sonesse RS485 12/32 VVF3M
Ref. 1 003 048	Sonesse ULTRA 50 RS485 6/20 VVF3M UNIT

### SONESSE 50 ULTRA RS485 AC

Description	
Ref. 1 002 566	506A2 Sonesse ULTRA RS485 6/24 SJTW 3M 3C

### SONESSE 50 ULTRA RS485 DC

Description	
Ref. 1 134 022	504A8 Sonesse ULTRA DC RS485 4/25





## About Somfy

Somfy's leading smart management solutions for homes and buildings have been improving people's daily lives for over 50 years. Developed with comfort, ease of use, security and sustainability in mind, our innovations automate and connect rolling shutters, curtains and blinds, gates and garage doors, lighting and heating, alarm systems and more. We are committed to creating useful solutions that are accessible to all, designed for today and beyond.

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