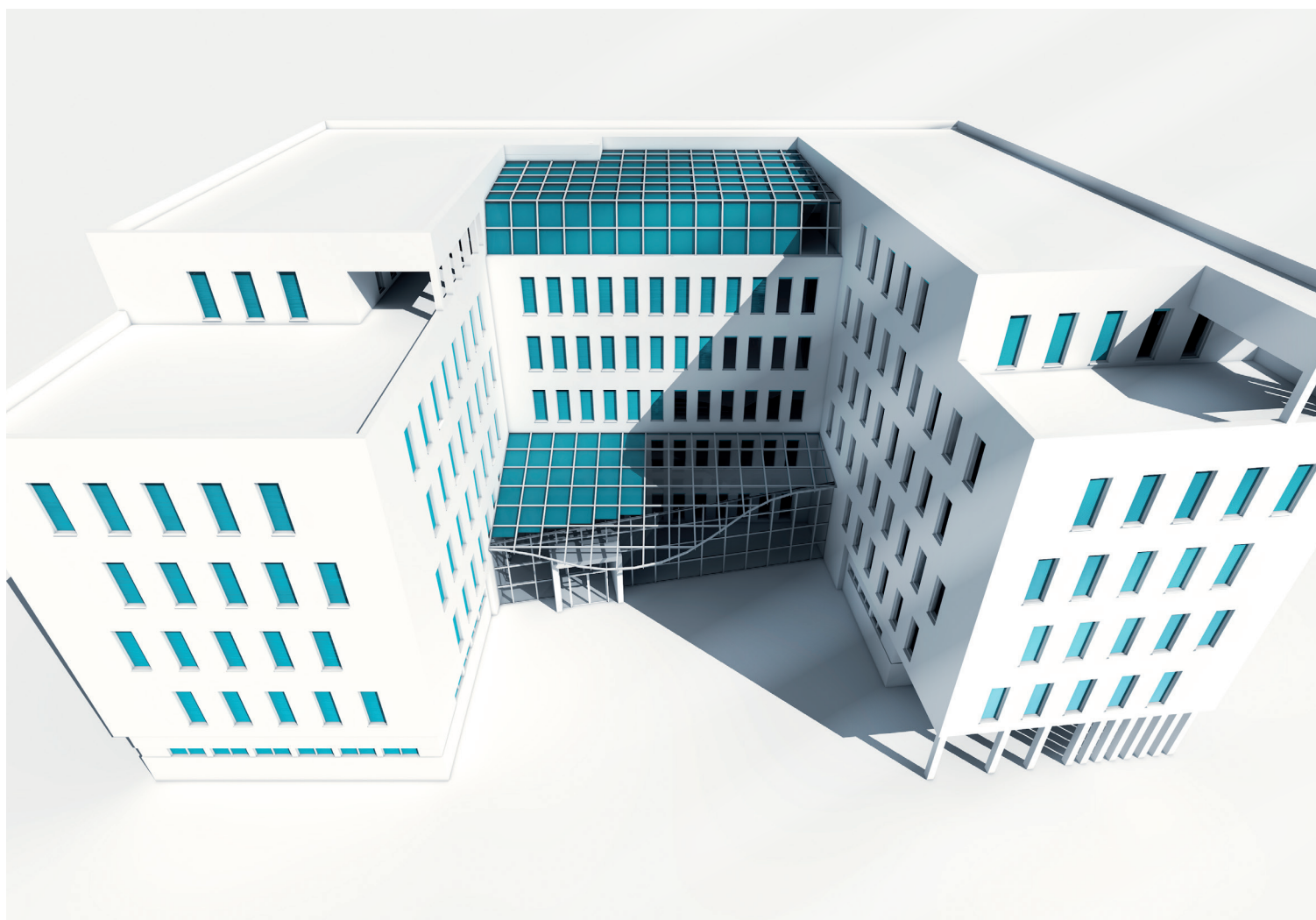See shade in

a new light

animeo KNX®

2024/2025
Catalogue page
for controlling shade
your way

somfy.

So that everyone can freely control the role of natural light in their living and working environment.

Whatever the latitude or season, **controlling light and heat while preserving natural resources is an essential human need.** This is the same at home, at work, at school, at the hospital and wherever buildings accommodate human activities.

● ● ●

That is why we create the means to control the solar protection of buildings, ensuring the well-being of those who live there paying constant attention to energy performance.

● ● ●

We support the needs of facilitated management of buildings **by providing connected solutions, accessible on-site or remotely.**

● ● ●

We allow everyone to determine their own thermal and visual comfort: a simple movement is enough to control natural light, modulate heat and ensure privacy.

● ● ●

By creating solutions in the service of the users, **we contribute to improving efficiency at work as well as the quality of care and learning, thereby contributing to better health.**

● ● ●

In association with those who design, build and manage buildings, and together with our solar protection partners, **we provide open and scalable solutions that meet all energy performance and comfort needs.**

animeo KNX

animeo KNX is an adaptable façade management system compatible with KNX standards. Any number of zones can be controlled. The multifunctional motor controllers enable the controlling of all types of blinds and window coverings. Local wired switches and Somfy RTS remote controls can be integrated into the KNX bus using binary inputs.

A fully scalable and upgradeable solution which can be integrated into all types of buildings **without motor or zone limits** and offers the benefits with reliable KNX protocol.
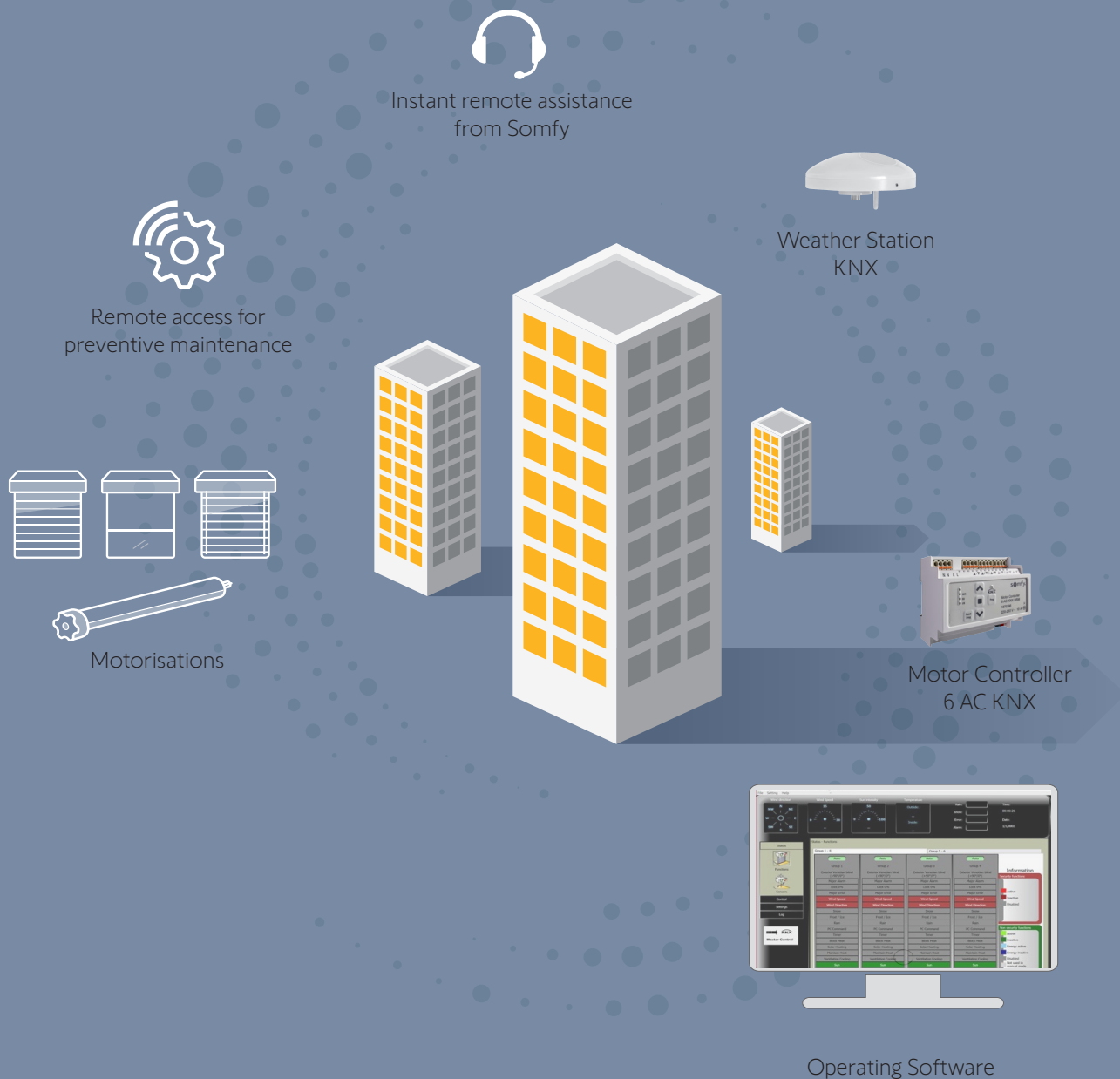
Compatible
Shadow tracking
by Somfy
Patented N°FR1160133

When every blind is managed like a PIXEL!

Instant remote assistance
from Somfy

Remote access for
preventive maintenance

Weather Station
KNX

Motorisations

Motor Controller
6 AC KNX

Operating Software

A scalable & upgradeable solution

Thanks to Somfy solutions you get a unique opportunity to build-up
a complete connected, flexible, evolutive ecosystem for best highest
well-being safety and peace of mind of the occupant.

The **advantages** for
occupants

Enjoy assisted adjustment of the natural light in your environment

Inside buildings **animeo KNX** offers automatic control of solar protection based on the brightness and the weather conditions, freeing the occupants from this worry and offering them an optimal environment in which to work and concentrate.

" *We were in the dark every day before. Now, I no longer need to think about solar protection. Thanks to automatic management, we have improved our conditions for learning and teaching."*

Regulate the level of brightness yourself

animeo KNX offers a wide range of easily accessible control points to override the automatic management at any time: remote controls, wall control points or virtual controls.

> 66
> *I would like to have the option of overriding the automatic management with an accessible control point. "*

Access online services and feedback

animeo KNX also offers an accessible virtual control that can be accessed online via your computer or your smartphone with the touch of a finger, to control your blinds but also get useful feedback in real time with "myfeedback": if there is ice or wind which is too strong to lower the solar protection system, if there is an ongoing window washing operation or to confirm the position and orientation of your blinds.

> 66
> *I want to know why I can't change the position of my blinds. "*

The **advantages** for building managers

Effectively supervise and control your installations

animeo KNX provides a user-friendly PC interface to monitor and control the zones or façades.

" *I can lock a zone or façade easily for maintenance reasons.*"

Adapt and upgrade your installation

The solution offers to easily rearrange the installation if the building changes. Wireless RTS local user interface can be re-assigned as desired with full flexibility.

> *Reorganising areas can be problematic in terms of configuring the blinds. I want to be able to upgrade my installation easily. "*
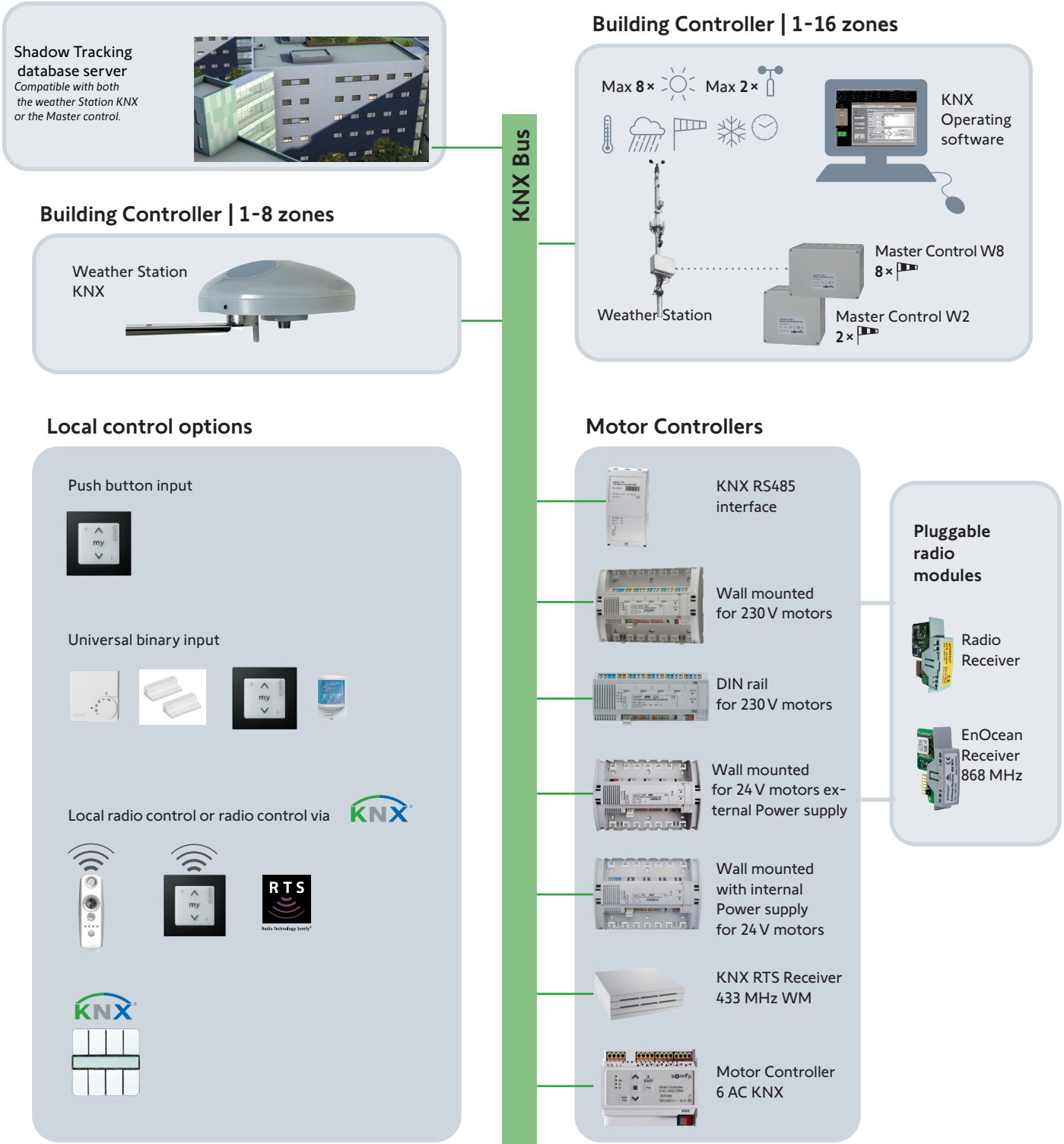

Enjoy a remote diagnostic report and pro-active assistance

Supported by Somfy, your **animeo KNX** project can be remotely supported in order to anticipate any potential inconvenience to occupants as best as possible.
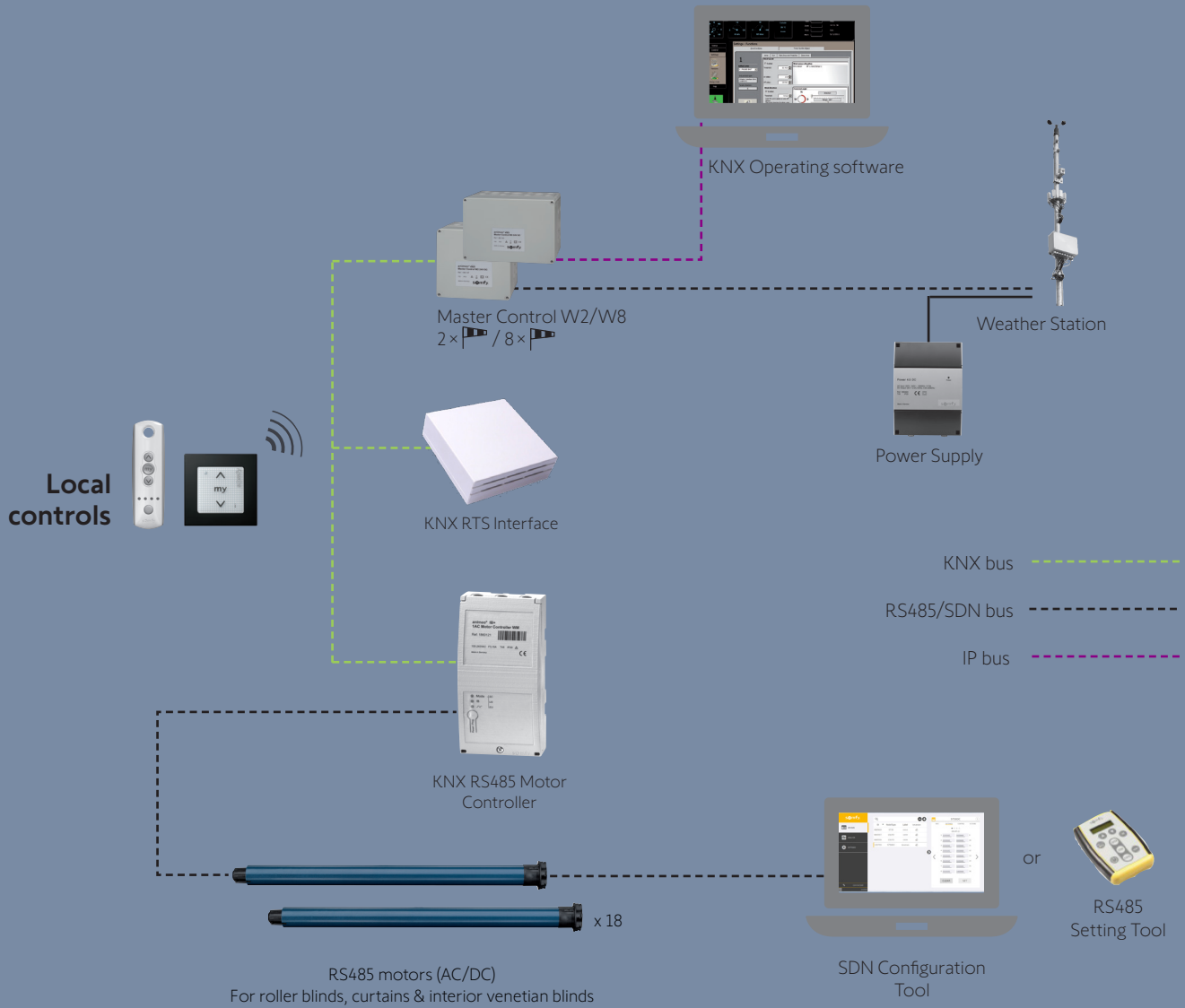
> *If there is an incident, I am the first to be informed. I receive a notification which enables me to anticipate and avoid complaints from occupants."*

System architecture

A platform shared by all offers and motorisation and control solutions for all needs.

Shadow Tracking database server
Compatible with both the weather Station KNX or the Master control.

Building Controller | 1-16 zones

Max **8 ×** ☼   Max **2 ×** 🚩

KNX Operating software

Weather Station

Master Control W8
8 × 🔌

Master Control W2
2 × 🔌

Building Controller | 1-8 zones

Weather Station KNX

KNX Bus

Local control options

Push button input

Universal binary input

Local radio control or radio control via **KNX®**

RTS
Radio Technology Somfy®

KNX®

Motor Controllers

KNX RS485 interface

Wall mounted for 230 V motors

DIN rail for 230 V motors

Wall mounted for 24 V motors external Power supply

Wall mounted with internal Power supply for 24 V motors

KNX RTS Receiver 433 MHz WM

Motor Controller 6 AC KNX

Pluggable radio modules

Radio Receiver

EnOcean Receiver 868 MHz

1

Buildings system topology

Somfy Digital Network RS485

KNX Operating software

Master Control W2/W8
2× / 8×

Weather Station

Local controls

KNX RTS Interface

Power Supply

KNX bus   – – – – –
RS485/SDN bus   – – – – –
IP bus   – – – – –

KNX RS485 Motor Controller

SDN Configuration Tool

or

RS485 Setting Tool

x 18

RS485 motors (AC/DC)
For roller blinds, curtains & interior venetian blinds
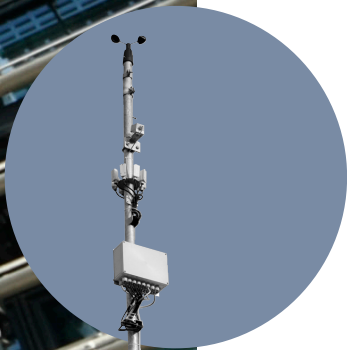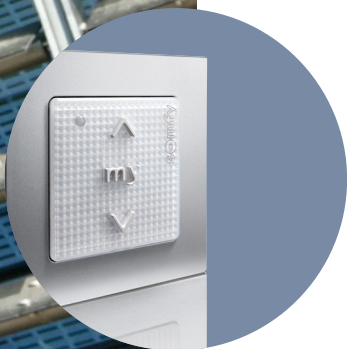
NEW
Sonesse 40 SDN

2

Product range
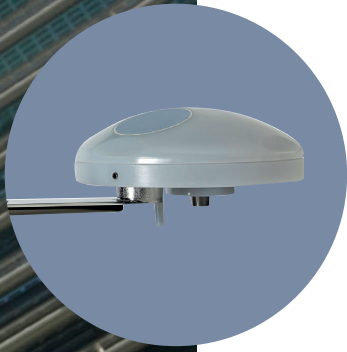
BUILDING CONTROLLER

MOTOR CONTROLLER
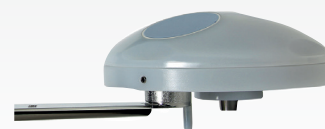
ACCESSORIES and SENS

LOCAL CONTROLS

■ Weather Station
Ref. 1870932

Combined Weather Station and Building Controller with advanced functional-
ities to manage 8 façade areas and all types of blinds. Compact design discrete
on façade or roof.

Weather Station KNX	
Dimensions	130 mm, 68 mm
Power supply	24 V DC
Mounting	Wall or mast mounted

■ KNX Master Control W2/W8
Ref. 1860187/1860193   1871257 (israel)

Enables a zone-based shadow tracking of 16 or more façade areas for a selection of
19 different types of blinds.

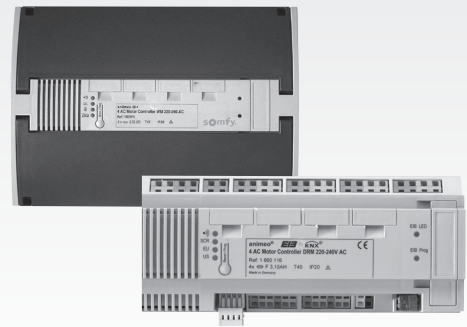| Dimensions	182 × 180 × 110 mm 254 x 180 × 110 mm
Mounting	Wall-mounted

BLINDS ACTUATORS

■ KNX 4 AC Motor Controller WM/DRM
Ref. 1860114/1860116   1871256 (israel)

For roller shutters, screens, exterior Venetian blinds and windows.
To control 4 × 230 V AC motors.

Dimensions	255 × 180 × 61 mm 210 x 90 × 61 mm
Mounting	Wall-mounted or DIN-rail

■ KNX 4 AC Motor Controller 3 EL WM
Ref. 1860242

For roller shutters, screens, exterior Venetian blinds and windows.
To control 4 × 230 V AC motors with 2 or 3 end limits.

Dimensions	255 × 180 × 61 mm
Mounting	Wall-mounted

■ KNX 4 DC Motor Controller WM 230V
Ref. 1860127
Ref: 1871121 CEBA Only

Dimensions	255 × 180 × 61 mm
Mounting	Wall-mounted

■ KNX 4 DC Motor Controller WM 24V
Ref. 1870452   Ref. 1871254 (israel)

For interior blinds, interior Venetian blinds and windows.
To control 4 × 24 V DC motors.

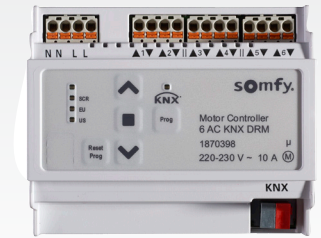|	
Dimensions Mast	255 × 180 × 61 mm
Power supply	24 V DC
Mounting	Wall-mounted

■ Motor Controller 6 AC KNX DRM

Ref. 1870398
Ref. 1871410 (israel)
Compatible with exterior Venetian blinds, screens, roller shutters,

Dimensions	108 x 90 x 60 mm
Mounting	DIN rail

■ KNX RS485 Motor Controller WM

Ref. 1860286
Ref. 1871245 (israel)
To control up to 18 motors, either individually or by groups.

Dimensions	90 × 180 × 45 mm
Power supply	24 V DC
Mounting	Wall-mounted

Somfy Digital Network RS485

■ RS485 6 x RJ45 Bridging Adapter

Ref. 9019004

Facilitates the connection of RS485 Somfy Digital Network devices on the RS485 network segment.

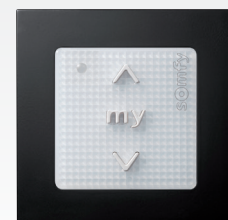| Dimensions	103 × 39,9 × 26,5 mm

■ Smoove IB Origin

Ref. 1811272

Manual control of several motors over IB bus.
Comfortable central control or group operability.

Dimensions	50 x 50 x 10 mm
Mounting	Flush-mounted

ACCESSORIES

■ RTS Sister Card 433MHz
Ref. 1860105/1870934(x10)

Receiver to control 4 AC, 4 DC or 4 DC Motor Controllers
by RTS radio with RTS radio local controls.
Clips directly into the Motor Controller.

Dimensions	52 × 92 × 27 mm
Mounting	Plug-in

■ EnOcean Receiver 868 MHz
Ref. 1860220

Radio receiver, linked up with the battery-free, wireless EnOcean radio technology. Compatible with all animeo KNX Motor Controllers.

Dimensions	60 × 16 × 46 mm
Mounting	Plug-in

■ RTS Radio Receiver 447MHz (Korea)
Ref. 1860107

Receiver to control 4 AC, 4 DC or 4 DC Motor Controllers
by RTS radio with RTS radio local controls.

Dimensions	52 × 92 × 27 mm
Mounting	Plug-in

■ KNX RTS Receiver 433 MHz WM

Ref. 1860292
Ref. 1871303 (israel)
Universal radio receiver to forward orders from Somfy RTS transmitters to

Dimensions	81 × 81 × 25 mm

■ KNX RTS Receiver 447 MHz WM (Korea)

Ref. 1860293

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

■ Rain Sensor Ondeis

Ref. 9016344 (24 V DC)/9016345 (230 V AC)

Capacitive sensor to measure precipitation with UV-opaque and UV stabilized housing.

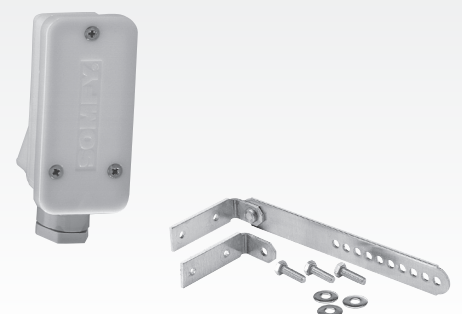| Dimensions	115 × 100 × 85 mm
Power supply	24 V/230 V
Mounting	Wall- or mast-mounting

■ Sun Sensor

Ref. 9050100
Ref. 9127888 (Mounting brackets)/Ref. 9154043 (Kit)

Measures the luminosity in connection with the Outside Sensor Box.

Dimensions	34 × 88 × 47 mm
Mounting	Wall- or mast-mounting

SENSORS & ACCESSORIES

■ Compact Sensor
Ref. 9015047

To collect the external conditions in different orientations.
3Lux,wind speed,temperature, rain.

Dimensions	96x77x118mm
Power supply	24 V
Mounting	Façade or roof mounting

■ Sensor Station
Ref. 9013726

Aluminium mast with pre-mounted and pre-wired Outside Sensor Box,
4 sun sensors, 1 wind sensor and 1 outside temperature sensor. It can be
equipped with additional sensors.

Mast height	3200 mm

■ Sensor Station extended
Ref. 9013727

Aluminium mast with pre-mounted and pre-wired Outside Sensor Box, 8 sun sensors,
1 wind sensor, 1 wind speed sensor, 1 wind direction sensor, a rain sensor and an
outside temperature sensor.

Mast height	3200 mm

■ KNX IP Interface
Ref. 9018246

To connect a PC to the KNX network over the LAN (IP).

Dimensions	18 × 90 × 56 mm
Power supply	24 V DC

◼ Lightning protection

Bus Lightning Protection	9025706
24V Lightning Protection	9025707
Socket Lightning Protection	9014897

To protect the controls from lightning. Used in conjunction with the Outside Sensor Box or Compact Sensor.

Mounting	Plug-in

◼ Outside Sensor Box
Ref. 9001606

Interface between the weather station and the animeo KNX Master Control W2 / W8.

Dimensions	235 × 207 × 90 mm
Mounting	Wall-mounted

◼ animeo Power Supply DC
Ref. 1860093

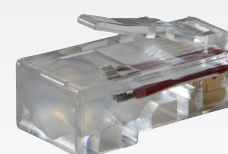*To supply the Outside Sensor Box (with heated sensors), the animeo KNX Master Control W2/W8.*

Dimensions	130 × 180 × 61 mm
Power supply	230 V
Mounting	Wall-mounted or DIN-rail

◼ RS485 Terminator
Ref. 9019005

To terminate RS485 network segment.

Dimensions	11,7 × 21,5 × 7,9 mm

SENSORS & ACCESSORIES

■ Wind Sensor
Ref. 9001608

Measures wind speed in connection with the Outside Sensor Box..

Dimensions	Height 200 mm, Ø 240 mm Max. Ø mast 48 mm
Mounting	On a mast

■ Heated Wind Sensor
Ref. 9140180

Measures wind speed in connection with the Outside Sensor Box.
Integrated heating device to avoid freezing the sensor.

Dimensions	Height 200 mm, Ø 240 mm Max. Ø mast 48 mm
Power supply	24 V DC
Mounting	On a mast

■ Wind Direction Sensor
Ref. 90138076

Measures wind direction in connection with the Outside Sensor Box.

Dimensions	Height 303 mm, Arrow length 515 mm, max. ø mast: 48 mm
Mounting	On a mast

■ Outside Temperature Sensor
Ref. 9001611

Measures exterior temperatures in conjunction with the Outside Sensor Box.

Dimensions	Height 150 mm, ø 115 mm
Mounting	On a mast
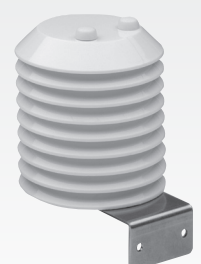
About Somfy

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, alarms systems and more. We are committed to creating useful solutions that are accessible to all, designed for today and beyond.

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