

animeo system overview	Solo	IB +	KNX	LON
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### Configuration & maintenance

Number of motors	1- 800	1 - 6400	> 6400	> 6400
Number of zones	1 - 2	1 - 16	>16	>16
BMS interoperability (OPC server)	-	✓	✓	✓
Integrated data logging (system status)	-	✓	✓	-
Integrated building timer ☺	✓	✓	✓	✓
Integrated zone timer ☺	-	✓	✓	✓
Integrated yearly timer ☺	-	-	✓	✓
Zone control switch / key switch 🗑	✓	✓	✓	✓
System configuration	PC software	-	✓	✓
	Via display	✓	✓	on request
System operation	PC software (BMS)	-	✓	✓
	Via display	✓	✓	on request

### User comfort / Energy savings functions

Wired local control	✓	✓	✓	✓
Radio local control (Somfy RTS)	✓	✓	✓	✓
<b>NEW</b> PC operation via radio (Somfy RTS)	✓	✓	✓	✓
<b>NEW</b> Radio local control (EnOcean)	✓	✓	✓	✓
<b>NEW</b> Radio link to Bus network	-	-	✓	-
<b>NEW</b> Light management through Somfy RTS	-	-	✓	-
Temperature inside 🌡	-	4 sensors	✓	✓
Sun ☀	2 sensors	12 sensors	✓	✓
Sun tracking	-	✓	✓	✓
Auto / Manu priority	-	✓	✓	✓
Auto / Manu priority via presence detector	-	✓	✓	✓
Link to HVAC system	-	✓	✓	✓
Dali connection / Light scenes	-	✓	✓	✓

### Security Functions

Alarm input	✓	✓	✓	✓
Wind speed 🌬	✓	✓	✓	✓
Wind direction 🗑	-	✓	✓	✓
Rain 🌧	✓	✓	✓	✓
Temperature outside 🌡	✓	✓	✓	✓
Snow ❄	-	✓	✓	-
Frost	✓	✓	✓	✓
Ice	-	✓	✓	✓
Window contact	-	✓	✓	✓



animeo controls the building zone by zone and provides individual local control



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SOLUTIONS FOR BIOCLIMATIC FAÇADES

**somfy**



SOLUTIONS FOR BIOCLIMATIC FAÇADES

# animeo

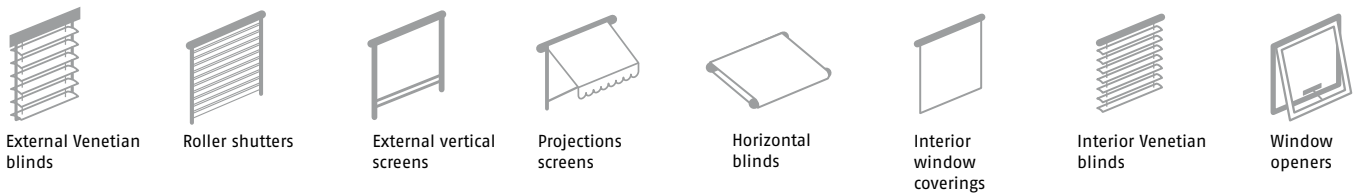
Range of Somfy controls for Commercial Buildings




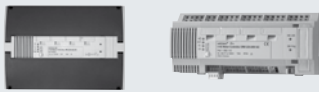



somfy®

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

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

animeo: compatible with all sunshading and opening devices



Motor controller guide		animeo			
		Solo	IB+	KNX	LON
For 230 V AC	<b>Motor Controller 1 AC</b> with push button Smoove Uno IB+  <span style="background-color: #90EE90; padding: 2px;">NEW</span>	✓	✓		
	<b>Motor Controller 1 AC</b> Wall mounted DIN Rail 	✓	✓		
	<b>Motor Controller 2 AC</b> Wall mounted DIN Rail  <span style="background-color: #90EE90; padding: 2px;">NEW</span>	✓	✓		
	<b>Motor Controller 4 AC</b> Wall mounted DIN Rail 	✓	✓	✓	✓
	<b>Motor Controller 4 AC</b> Plug connector Wall mounted  <span style="background-color: #90EE90; padding: 2px;">NEW</span>	✓ Wieland	✓ Wieland	✓ Wieland & Wago	
For 24 V DC External power supply	<b>Motor Controller 4 DC</b> Wall mounted 2,1 A / output 	✓	✓	✓	✓
For 24 V DC Integrated power supply	<b>Motor Controller 4 DC/DC Encoder</b> Wall mounted DIN Rail 500 mA / output 	✓	✓	Wall mounted version only	✓

# animeo Solo

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

## Benefits

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



## Application examples

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

## Outside sensors



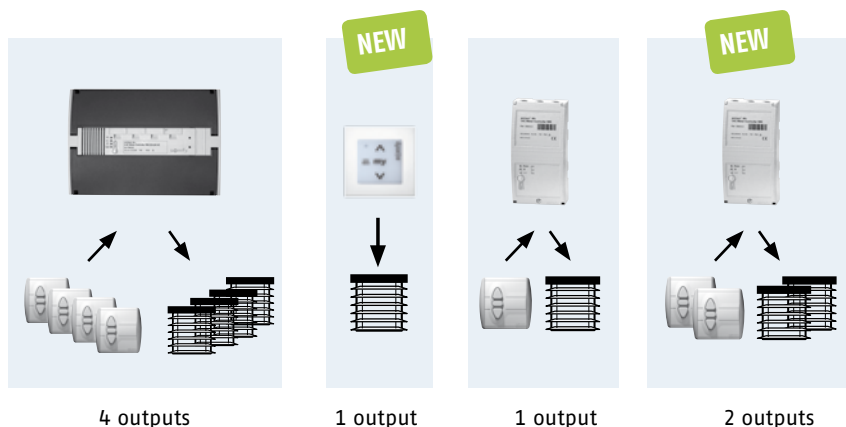
## Building controllers



## Compatibility with radio local control



## Motor controllers



# animeo IB+

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

## Benefits

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

## Application examples

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



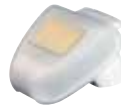
### Inside sensors (Optional)

Max 16x  Max 4x 



Max 2x Inside sensor box

### Outside sensors (Solution 1)



Compact sensor

### Outside sensors (Solution 2)



Outside sensor box

OR

### Building controllers



Central control



Heating input



Cooling input



1 - 4 zones

OR



1 - 8 zones

9 - 16 zones

### Operating options



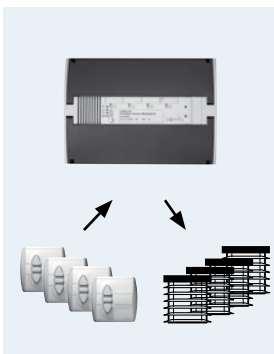
Operating software

OR



Operating interface

### Motor controllers



4 outputs

NEW

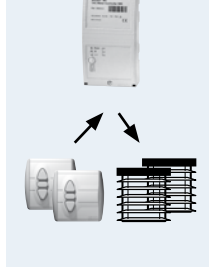


1 output



1 output

NEW



2 outputs

### Compatibility with radio local control



Radio receiver







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



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

**Application examples**  
Medium & large office buildings - Commercial premises - High-end residential homes

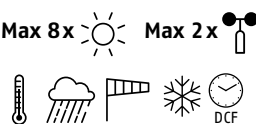



**Central KNX control**  
**1-3 zones**


Compact sensor      Building Controller AS 315 N      Inside temperature sensor

**1-16 zones**

KNX BUS


KNX Operating software






Master Control W8 (8 x P)      Master Control W2 (2 x P)


**Local control options**


Push button input




Universal binary input


Local radio control or radio control via 



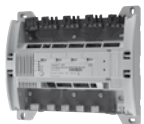
**Motors controllers**




Wall mounted for 230V-motors




DIN rail for 230V-motors



**NEW** Plug connectors for 230V-motors





Wall mounted for 24V-motors




Wall mounted for 24V-motors with Encoder technology

**Pluggable radio modules**

radio receiver



KNX-RTS radio receiver **NEW**

# animeo LON

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

## Benefits

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

## Application examples

Office buildings – Large service sector premises

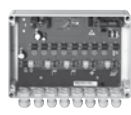


## LON sensor interface

Max 8x Max 2x DCF



Sensor station



Outside Sensor Box



Sensor interface

LON BUS

## animeo LON Design Suite



Commissioning and end-user software, LNS based

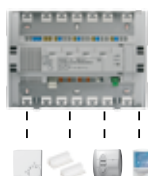
## Application example



Motor Controller LON



Max. 8 universal binary input



Motor Controller IB+

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

## Motors controllers



Wall mounted for 230V-motors



DIN rail for 230V-motors



Wall mounted for 24V-motors



Wall mounted for 24V-motors with Encoder technology

## Pluggable radio modules



radio receiver



Local control through hand or wall transmitters