

# IP Building Controller

animeo Solo

animeo IB+

**animeo IP**

animeo KNX

SOLUTIONS FOR BUILDING CONTROL



Ref. 1822314

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 connetctions.
- > 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
<b>RS485 Bus</b>	Min.: 2 x 0.28 mm <sup>2</sup> /22 AWG Max.: 2 x 0.5 mm <sup>2</sup> /20 AWG	Required	*
<b>Sensor Bus</b>	Min.: 2 x 0.28 mm <sup>2</sup> /22 AWG Max.: 2 x 0.5 mm <sup>2</sup> /20 AWG	Required	500 m/1650 ft
<b>USB</b>	USB 2.0 Standard A	—	10 m/33 ft
<b>Alarm IN</b>	Min.: 2 x 0.28 mm <sup>2</sup> /22 AWG Max.: 2 x 0.5 mm <sup>2</sup> /20 AWG	—	100 m/330 ft
<b>Key switch IN</b>	Min.: 2 x 0.28 mm <sup>2</sup> /22 AWG Max.: 2 x 0.5 mm <sup>2</sup> /20 AWG	—	100 m/330 ft
<b>Error OUT</b>	Min.: 3 x 0.28 mm <sup>2</sup> /22 AWG Max.: 3 x 0.5 mm <sup>2</sup> /20 AWG	—	100 m/330 ft
<b>IP Bus</b>	Cat. 5/100 Mbit/s	—	100 m/330 ft
<b>LAN</b>	Cat. 5/100 Mbit/s	—	100 m/330 ft

\* See "SDN Bus wiring guide" in Somfy Digital Network (RS485) section at [www.somfy.com/projects/downloads](http://www.somfy.com/projects/downloads)

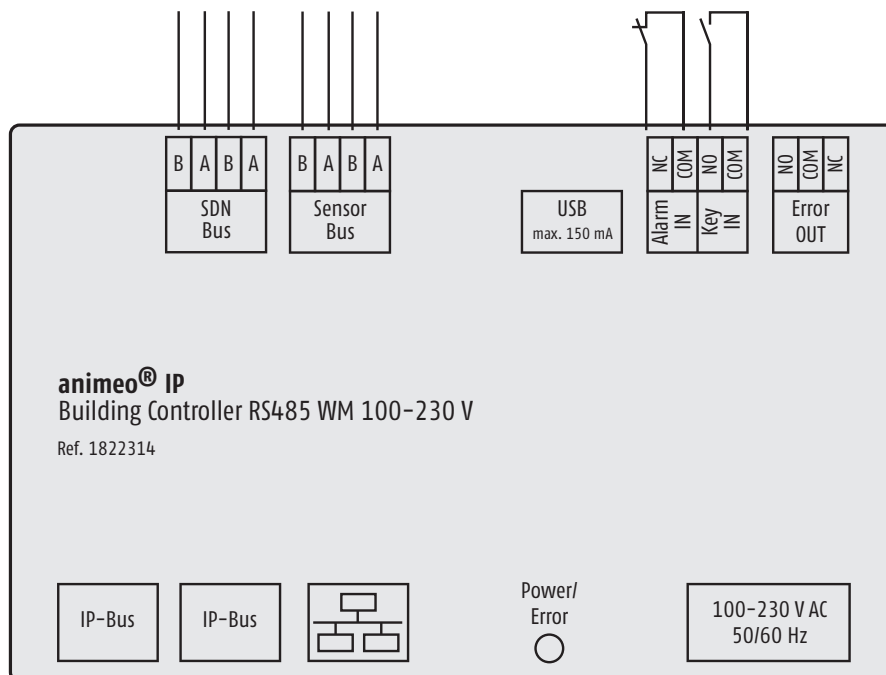


## Classification

**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:  $U_{AC} = 230V AC$   $I_{AC} = 0.07 A$  (EN 55022 Class B emission)

**somfy®**



### 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 CR2032	
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	

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