

# IP Sub Controller

animeo Solo

animeo IB+

animeo IP

animeo KNX

SOLUTIONS FOR COMMERCIAL BUILDINGS



Ref. 1860201

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 0.28 mm <sup>2</sup> /22 AWG Max.: 2 x 0.5 mm <sup>2</sup> /20 AWG	Required	*
Sensor Bus	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
USB	USB 2.0 Standard A	—	10 m/33 ft
IP Bus	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)

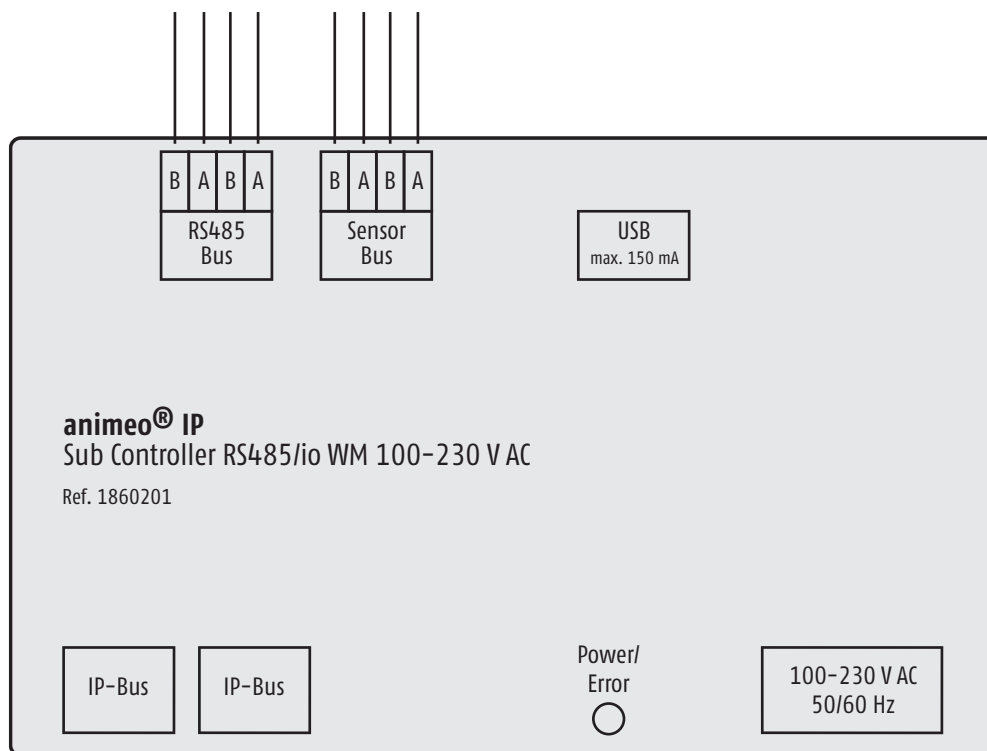


## Classification

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

- Class A control function
- Type 1 action
- Pollution degree: 2
- Rated impulse voltage: 4 kV
- Temperature of the ball hardness test: 75 °C
- Type X attachment
- Method of attachment for non-detachable cords: Screwless spring terminal
- EMC emission test:  $U_{AC} = 230V AC$   $I_{AC} = 0.04 A$  (EN 5022 Class B emission)

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## CHARACTERISTICS

Supply voltage	100-230 V AC / 50/60 Hz	
Stand-by current (IEC 62301)	< 40 mA@230 V AC	< 80 mA@120 V AC
Stand-by power (IEC 62301)	< 4 W@230 V AC	< 4 W@120 V AC
Terminals	Spring connectors	
SDN Bus	RS485	
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	377 g	
Degree of protection	IP 20	
Protection class	II	
Conformity	<a href="http://www.somfy.com/ce">www.somfy.com/ce</a>	

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