

animeo IB+

4 Zone Touch Building Controller

The 4 Zone Touch Building Controller is a central unit designed for solar shading and window automation to control up to four individual façade orientations of a building. It answers to different building segments such as public, commercial, healthcare, education and is applicable for any interior or exterior application.

Configuration, monitoring and maintenance is realized through a menu guided intuitive capacitive 7 inch user touch screen providing a wide range of useful functions optimizing the building performance.

The 4 Zone Touch Building Controller is compatible with all animeo IB+ Motor Controllers and the new 2 wire IB+ bus technology.

Installation Advantages

- > Practical and innovative clip-on mechanism for the integration into any type of wall environment.
- > Suitable for flush-mounting and surface mounting.
- > Plug connectors for failure proof connections.
- > Direct connection of sensors/weather station for receiving weather data.
- > Standard RJ45 connectors for IP network and remote access.

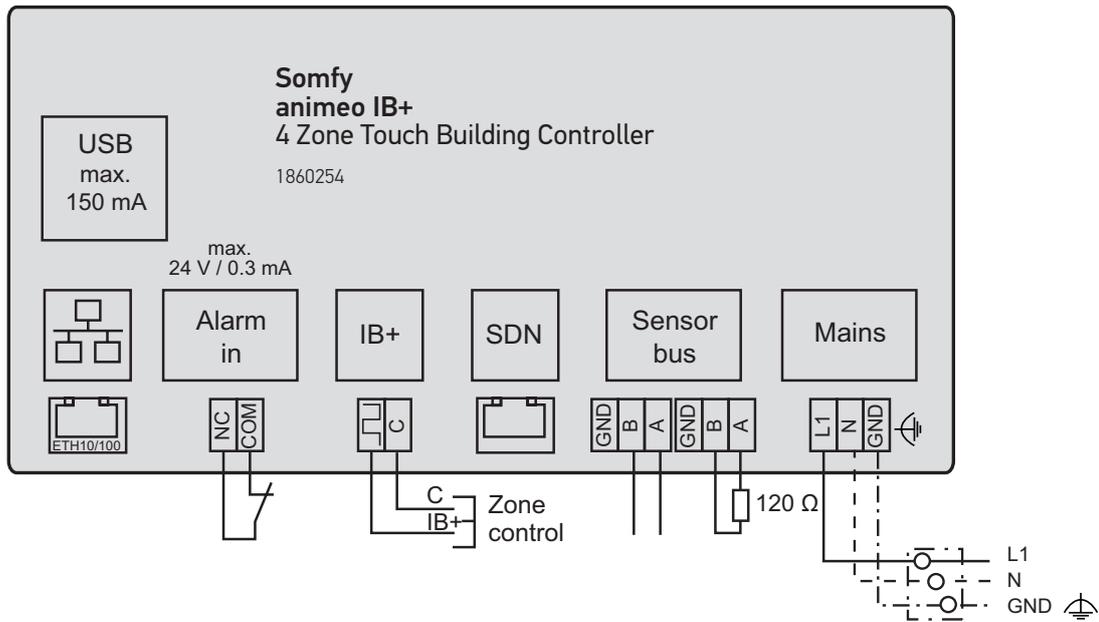
Functional Advantages

- > Takes weather conditions and occupants behavior into account to optimize management of solar shadings for comfort and energy saving.
- > Simple assignment of the shades to a façade orientation. Adaption possible at any time without change of wiring.
- > Several 4 Zone Touch Building Controllers can be connected to one weather station.
- > Offers a wide range of functions and parameters designed for different types of applications (Venetian blinds, screens, roller shutters, windows) building types and user needs.
- > Sun tracking: instead of one fixed position, several different positions can be actuated per day for each façade.



Ref. 1860254





Characteristics

IB+ 4 Zone Touch Building Controller	WM Ref. 1860254
Supply voltage	100-230 V AC / 50/60 Hz
External overcurrent protection	16 A fuse required
Stand-by current (IEC 62301)	36 mA@230 V AC
Stand-by power (IEC 62301)	3.5 W@230 V AC
Terminals	Pluggable spring connectors
Supply voltage of sensor bus output	SELV, 16 V DC =
Supply voltage of alarm input	Normally closed, max. SELV 24 V DC
Supply voltage of IB+ bus output	SELV, 16 V DC =
Operating temperature	0 °C to 45 °C
Relative humidity	max. 85 %
Material of housing	Glass, metal and CC-ABS polycarbonate
Housing dimensions (w x h x d)	200 x 132 x 72 mm
Weight	950 g
Degree of protection	IP 20
Protection class	I
Conformity	www.somfy.com/ce

Wiring

Connection	Cables	Twisted pairs	Max. distance
120-230 V AC/	3 x 0.75 mm ² /18 AWG	-	
Alarm in	Min.: 2 x 0.6 mm/22 AWG Max.: 2 x 0.8 mm/20 AWG	-	150 m/ 500 ft
Sensor bus	Min.: 2 x 0.6 mm/22 AWG Max.: 2 x 0.8 mm/20 AWG	Required	500 m/ 1.650 ft
IB+ bus	Min.: 2 x 0.6 mm/22 AWG Max.: 2 x 0.8 mm/20 AWG	Recommended	1.000 m/ 3.300 ft

Classification

The Building Controller is an operating control, electrically operated and independently-mounted control.

- Class A control function
- Type 1 action
- Pollution degree: 2
- Rated impulse voltage: 2.5 kV
- Method of attachment for non-detachable cords: not foreseen for replacement
- EMC emission test: $U_{AC} = 230 \text{ V AC}$ $I_{AC} = 60 \text{ mA}$
(EN 55022 Class B emission)