animeo Connect

Connect Main Controller
Ref. 1860304

Connect Main Controller BACnet
Ref. 1860329

OVERVIEW

The Connect Main Controller is an IPV6 building automation manager to provide advanced functions for any kind of shades, blinds, or window products.

INSTALLATION FEATURES

> 2 USB ports
> 2 Ethernet ports
> Must be supplied with 24 V Power Supply (ref. 1860303) or equivalent

FUNCTIONAL FEATURES

The Connect Main Controller allows

> to provide advanced functions related to the comfort of the occupants, energy optimization and system security with the use of the "animeo Connect Operating Software": Web remote, shadow tracking, sun tracking, …
> remote access
> connection to the cloud
> to save all system data for at least one year. Unlimited if connected to the cloud.
> the use with any of the Connect Gateways (io, SDN, Sensor, …)
> BACnet: sensor values can be shared with the BMS (Building Management System). The BMS can send commands to any motor or zone with the desired priority level. Feedback status of any motor could also be requested over BACnet and shared with the BMS.
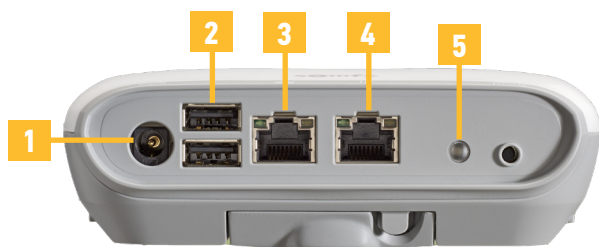
WHAT'S IN THE BOX

> Connect Main Controller or Connect Main Controller BACnet
> Installation guide

OPTIONAL ACCESSORIES

> 24 V Power Supply (ref. 1860303)

CONNECTIONS AND INDICATORS

	ELEMENT	FUNCTION
1	External power input	Power Supply 24V DC, max. 1.8 m.
2	USB port (input/output)	Firmware update
3	Ethernet	Connect IP Network (Connect Gateways and Platform) Min. CAT 5e FUTP.
4	Ethernet	IP Client Network (Cloud) Min. CAT 5e FUTP
5	LED status	Intermittent green: Product start Fixed green: product in operation Flashing red: firmware update Fixed red: error

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CHARACTERISTICS

Connect Main Controller/BACnet	Ref. 1860304 / Ref.1860329
Supply voltage	24 V DC +/- 10 % SELV/1 A max.
Power Supply	Mandatory use of certified power supply with limited power (certified according to the relevant version of 60950-1 or 62368-1, EN/IEC or UL as needed in the country of use). Limited power classified as LPS, PS2 or UL class II (according to standard)
Minimum current	50 mA
Max. current	360 mA@24 V
Minimum power	1.2 W
RTC	+/- 3 min/year
USB	2 x USB 2.0, each 5 V/500 mA
Current with 1 x USB, 2 x Ethernet *	90 mA@24 V (* USB stick = 2 GB Kingston)
Battery	CR1220
Operating temperature	– 5° C...+ 50° C
Relative humidity	85 % at 30 ° C
Material of housing	ABS
Housing dimensions (w x h x d)	133 x 86 x 44 mm
Weight	138 g
Degree of protection	IP20
Protection class	III
Conformity	www.somfy.com/ce

BEST WIRING PRACTICES

The diagram shown below is to show the connections from product to product. This device could be used in other configurations than shown below.

▪	Not compatible with PoE switch.
A	„xx" represents the bus system handled by the gateway, e.g. io, SDN, ...