

# 2 AC Motor Controller 100–230 V AC

| animeo Solo

| animeo IB+

| animeo KNX

| animeo LON

SOLUTIONS FOR COMMERCIAL BUILDINGS



Ref. 1860209



Ref. 1860210

Motor controller for motorized roller shutters, screens, exterior Venetian blinds and windows.

For the individual controlling of 2 x 230 V AC motors via a local standard push button switch or using the animeo IB+ solar shading management system.

Available in two versions: Wall mounted (WM) and printed circuit board (PCB).

## Installation advantages

- > Flexible installation: suspended ceiling/raised floor, under-window or wall-mounted wiring channels, electrical cabinet with clip adapter.
- > Quick installation and connection of the motor controller through:
  - Spring tension to fasten wiring and double terminals to avoid need for a junction box.
  - Generous space for connection of single cables.
  - Status feedback through LED's.

## Functional advantages

- > Via local standard switches users can control the solar shading to the desired position and overwrite automatic operation.
- > The product enables optimized adjustment of the shading – according to the type of solar shading installed – to the desired position.
- > Venetian blind slat orientation can be limited to a certain operating range to enable energy savings while offering users freedom to adjust lighting comfort.

## Wiring

Connection	Cables	Twisted pairs	Max. distance
<b>Motors</b>	Min.: 4 x 0.75 mm <sup>2</sup> /18 AWG Max.: 4 x 2.5 mm <sup>2</sup> /13 AWG	—	—
<b>Switches</b>	Min.: 3 x 0.28 mm <sup>2</sup> /22 AWG Max.: 3 x 2.5 mm <sup>2</sup> /13 AWG	Recommended	100 m/ 330 ft
<b>IB+ bus</b>	Min.: 4 x 0.28 mm <sup>2</sup> /22 AWG Max.: 4 x 1.5 mm <sup>2</sup> /15 AWG	Recommended	1000 m 3,300 ft
<b>100–230 V AC</b>	Min.: 3 x 1.5 mm <sup>2</sup> /15 AWG Max.: 3 x 2.5 mm <sup>2</sup> /13 AWG	—	—

## Classification

**The Motor 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: 75 °C
- Type X attachment
- Method of attachment for non-detachable cords: screwless spring terminal
- EMC emission test:  $U_{AC} = 230 \text{ V AC}$   $I_{AC} = 0.01 \text{ A}$  (EN 55022 Class B emission)

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