

# 4 DC/E Motor Controller WM 220–240 V AC

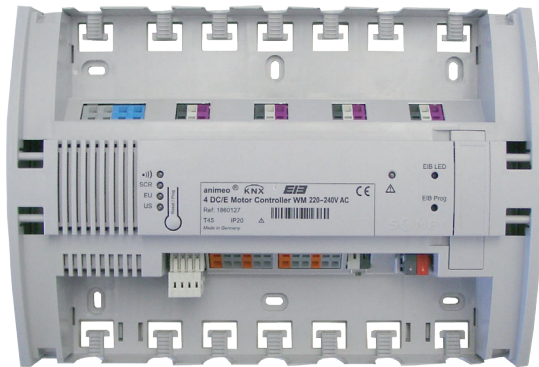
animeo Solo

animeo IB+

**animeo KNX**

animeo LON

SOLUTIONS FOR BUILDING CONTROL



Ref. 1860127

Motor Controller for interior roller blinds and interior Venetian blinds.

To individually control up to four 24 V DC motors or 24 V DC/E encoder motors via local push buttons or in groups with IB+ controlling technology.

Available in wall-mounted version (WM).

## Installation advantages

- > Easy installation thanks to integrated 24 V DC power supply.
- > Easy and quick commissioning in combination with the animeo KNX Master Control.
- > Spring connectors and tension relief with cable ties for safer and quicker installation.
- > Status feedback through LEDs.
- > Indication in case of overload.

## Functional advantages

- > Local push button inputs can be used for up to 8 freely definable binary inputs.
- > Local setting of an intermediate position and user ergonomics.
- > Configurable up and down speed in combination with the animeo KNX Master Control.
- > Configurable slats and rotation speed for optimum user ergonomics.
- > Enables very precise slats orientation and/or load bars alignment thanks to Somfy LW25 E83 Motor Encoder.
- > Upgradable at any time for local controlling through radio Somfy RTS or EnOcean technology.
- > Up to 5 freely definable radio binary inputs are available when using pluggable radio cards.

## Wiring

Connection	Cables	Twisted pairs	Max. distance
<b>Motors</b>	Min.: 3 x 0.6 mm <sup>2</sup> /22 AWG Max.: 3 x 2.5 mm <sup>2</sup> /14 AWG	-	20 m
<b>Switches</b>	Min.: 3 x 0.6 mm <sup>2</sup> /22 AWG Max.: 3 x 2.5 mm <sup>2</sup> /14 AWG	Recommended	100 m
<b>Group control</b>	Min.: 3 x 0.6 mm <sup>2</sup> /22 AWG Max.: 3 x 1.5 mm <sup>2</sup> /16 AWG	Recommended	50 m
<b>220 – 240 V AC</b>	Min.: 3 x 1.5 mm <sup>2</sup> /16 AWG Max.: 3 x 2.5 mm <sup>2</sup> /14 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: 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:  $U_{AC} = 230V AC$   $I_{AC} = 0.5 A$   
(EN 55022 Class B emission)

