

animeo

# KNX 4 DC Motor Controller WM

Ref. 1870452



## OVERVIEW

Motor controller for screens, exterior Venetian blinds, louvers and window openers to individually control four 24 V DC motors.

## INSTALLATION FEATURES

- > Testing of running direction of the motors can be done with the motor controller itself before the ETS integration programming.
- > Spring connectors and tension relief with cable ties for safer and quicker installation.

## FUNCTIONAL FEATURES

- > Via local standard switches users can control the solar shading to the desired position and overwrite automatic operation.
- > Each motor output can be controlled individually using KNX or via individual switches.
- > The 8 inputs to connect local push-button switches can also be used to send orders via KNX to create - with ETS - individual groups of motors controlled by local switches.
- > The inputs can also manage switching and dimming via the KNX bus.
- > By plugging the KNX/RTS receiver (ref.1860105/1860107) into the motor controller at any time, the RTS range of user interfaces can be used.
- > Enables the setting of the start delay time for electronic motors.
- > Fixed tilt speed.

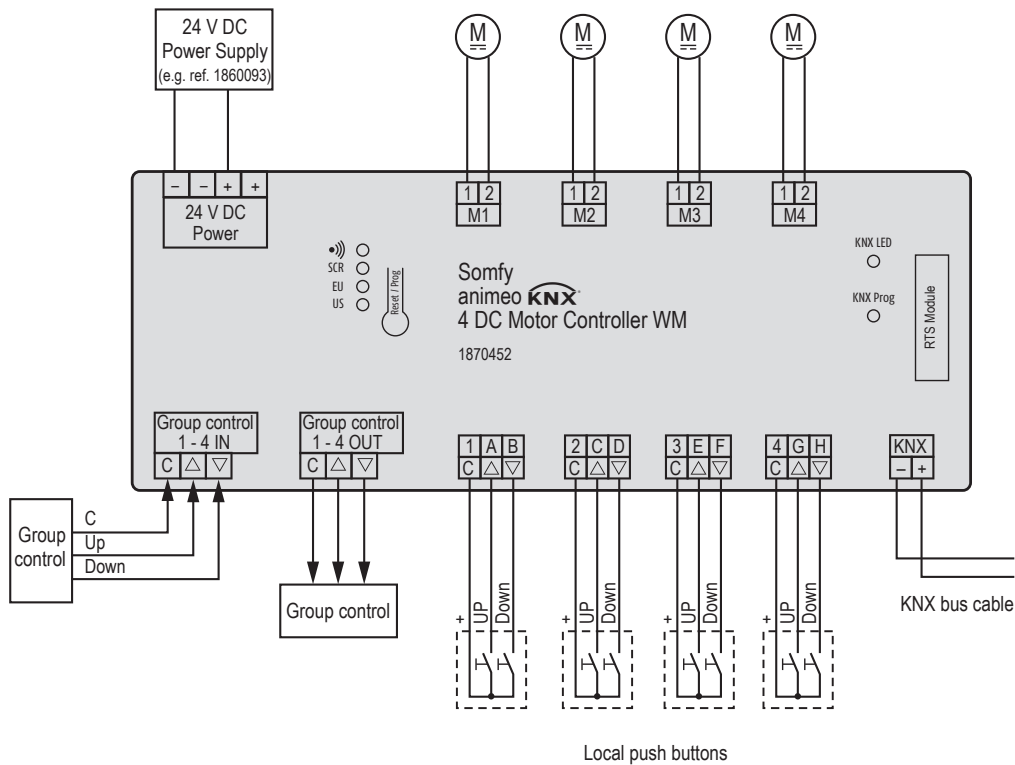
## WHAT'S IN THE BOX

- > animeo KNX 4 DC Motor Controller WM
- > Installation guide

## OPTIONAL ACCESSORIES

- > animeo Power Supply DC (ref. 1860093)

## WIRING DIAGRAM



## CHARACTERISTICS

KNX 4 DC Motor Controller WM	Ref. 1870452
Supply voltage	24 V DC (min. 21.5 V - max. 28 V DC)
Power Supply	Regulated and short circuit proof power supply, certified and suitable for the connected motors
Stand-by current (IEC 62301)	25 mA@24 V DC
Stand-by power (IEC 62301)	600 mW@24 V DC
Supply voltage from KNX bus	KNX voltage 21 ... 30 V DC, SELV
Rated current consumption KNX	As per KNX guidelines, 10 mA
Max. motor current consumption	4 x 2.5 A@24 V DC
Supply voltage of group control input	SELV, 16 V DC ===
Supply voltage of local push buttons	SELV, 16 V DC ===
Terminals	Spring connectors
Relay micro-gap	μ
Terminal KNX	KNX bus terminal (black/red)
Running time per output	Max. 5 minutes
Operating temperature	- 5 ° C ... + 45 ° C
Relative humidity	Max. 85 %
Material of housing	PC-ABS
Housing dimensions (w x h x d)	180 x 255 x 61 mm
Weight	710 g
Degree of protection	IP 20
Protection class	⚡
Pollution degree	2
Conformity	<a href="http://www.somfy.com/ce">www.somfy.com/ce</a>

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