

animeo

LON 4 DC Motor Controller WM

Ref. 1870453



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 programming with a LON software.
- > Spring connectors and tension relief with cable ties for safer and quicker installation.
- > The animeo LON Motor Controllers are Free Topology Transceiver (FTT) devices.

FUNCTIONAL FEATURES

- > Four integrated LONMark #6111 “sunblind controller” – objects with a variety of functions such as sun, sun tracking, wind, wind direction, rain, frost and temperature for maximum flexibility. Each output acts as an independent controller. Priorities for these functions are freely configurable.
- > Intelligent switching between manual and automatic operation to guarantee excellent user-friendliness and energy savings.
- > Cost savings: up to 8 local push button binary inputs can be used additionally as universal LON inputs so that e.g. window contacts, temperature sensors or presence detectors can be connected.
- > Using an input signal, a LON output signal can be generated: types are setting, switch, scene or occupancy.
- > Enables the setting of the start delay time for electronic motors.
- > Fixed tilt speed.

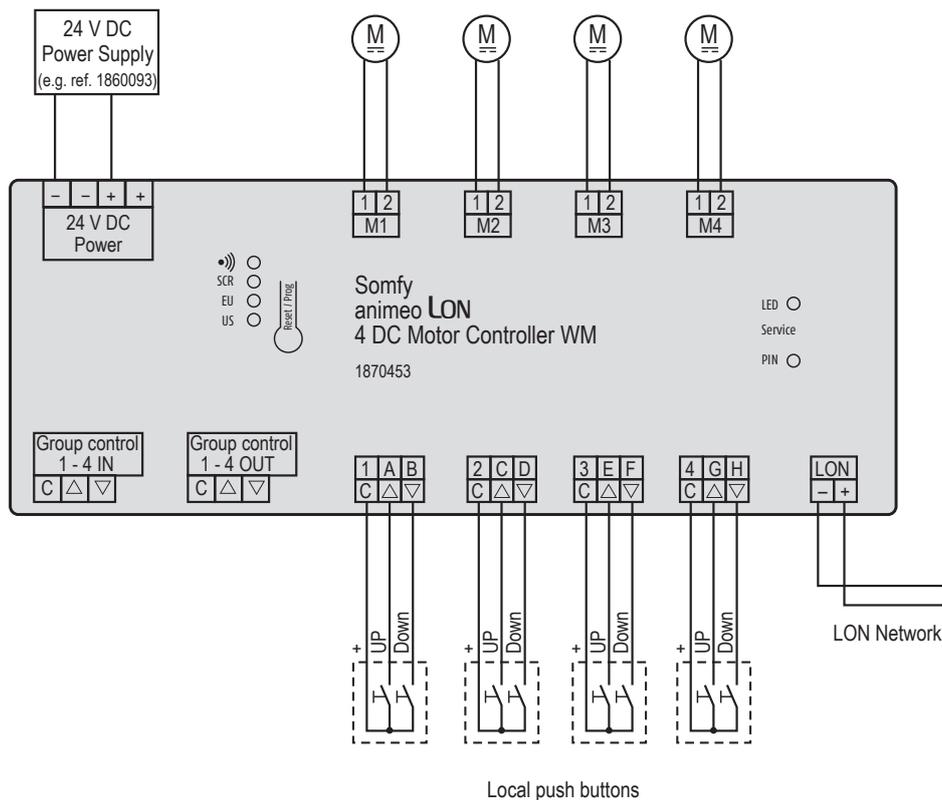
WHAT'S IN THE BOX

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

OPTIONAL ACCESSORIES

- > animeo Power Supply DC (ref. 1860093)

WIRING DIAGRAM



CHARACTERISTICS

LON 4 DC Motor Controller WM	Ref. 1870453
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)	37 mA@24 V DC
Stand-by power (IEC 62301)	890 mW@24 V DC
LON transceiver	FTT
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 LON	LON bus terminal (green)
Running time per output	Max. 5 minutes
Operating temperature	0° 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	www.somfy.com/ce

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