

animeo KNX

RS485 Motor Controller WM

The KNX RS485 Motor Controller enables the controlling of up to 18 motors. The motors can be controlled either individually or by groups.

RS485 motors can be connected via bridging adapter. Different motor types can be used.

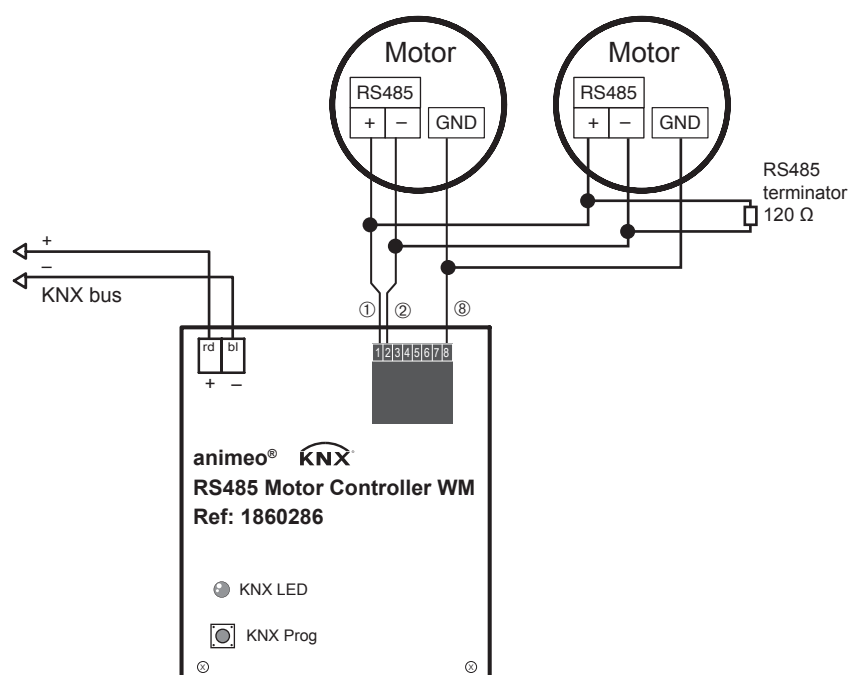


Product Features

- > Flexible installation: suspended ceiling/raised floor, under-window or wall-mounted wiring channels.
- > Quick installation and connection of the motor controller through:
 - Plug and play relief
 - Cable tension relief points to tighten cables to the housing of the product
 - Daisy chaining of several RS485 motors.
- > With the Somfy SDN configuration software the motor settings can be done before configuring via ETS software.
- > Perfect alignment of the blind thanks to the increment encoder technology of the RS485 motors.
- > The exact position of the blind during move and when reaching the upper and lower end limits can be monitored.
- > Using a one Byte telegram over the KNX, the blind can be moved to numerous intermediate positions.



Ref. 1860286



Characteristics

KNX RS485 Motor Controller WM	Ref. 1860286
Supply voltage from KNX bus	KNX voltage 21...32 V DC, SELV
Rated current consumption KNX	As per KNX guidelines, <= 12.5 mA
Supply voltage of local push buttons	SELV, 16 V DC
Terminals	RJ45
Operating temperature	- 5 °C to 50 °C
Relative humidity	max. 85 %
Material of housing	PC-ABS
Housing dimensions (w x h x d)	90 x 180 x 45 mm
Degree of protection	IP 20
Protection class	III
Pollution degree	2
Conformity	www.somfy.com/ce

Wiring

Connection	Cables	Twisted pairs	Max. distance
RS485 bus	Modular Jack 8P4C (RJ45) Min.: 4 x 2 x 0.5 mm/24 AWG	Required twisted pair shielded, Impedance 100 Ω (-10 Ω/+30 Ω), Recommended CAT5-FTP, Following Somfy RS485 guidelines	200 m
KNX bus	2 x 0.8 mm/20 AWG	Required, following KNX topology guidelines	—