

# KNX Master Control W2/W8 V 3.0

animeo Solo

animeo IB+

animeo IP

**animeo KNX**

animeo LON

SOLUTIONS FOR BUILDING CONTROL



Ref. 1860193

Ref. 1860187

The animeo KNX Master Control W2/W8 V 3.0 is a building controller which enables a zone-based shadow management of 16 or more façade areas for a selection of 19 different types of blinds. The configuration of the façade areas is realized with the animeo KNX Operating Software which reduces the commissioning time.

It is ideally connected to the Outside Sensor Box (ref. 9001606) and allows to define 2 x wind speed, 1 x wind direction, 1 x rain, 1 x outside temperature and 8 x sun. The Master Control version W8 integrated additional 6 x wind speed sensor.

## Installation advantages

- > Spring connectors for safer and quicker installation.
- > Status feedback through LEDs.
- > 2 x RJ45 Ethernet plug and play ports.

## Functional advantages

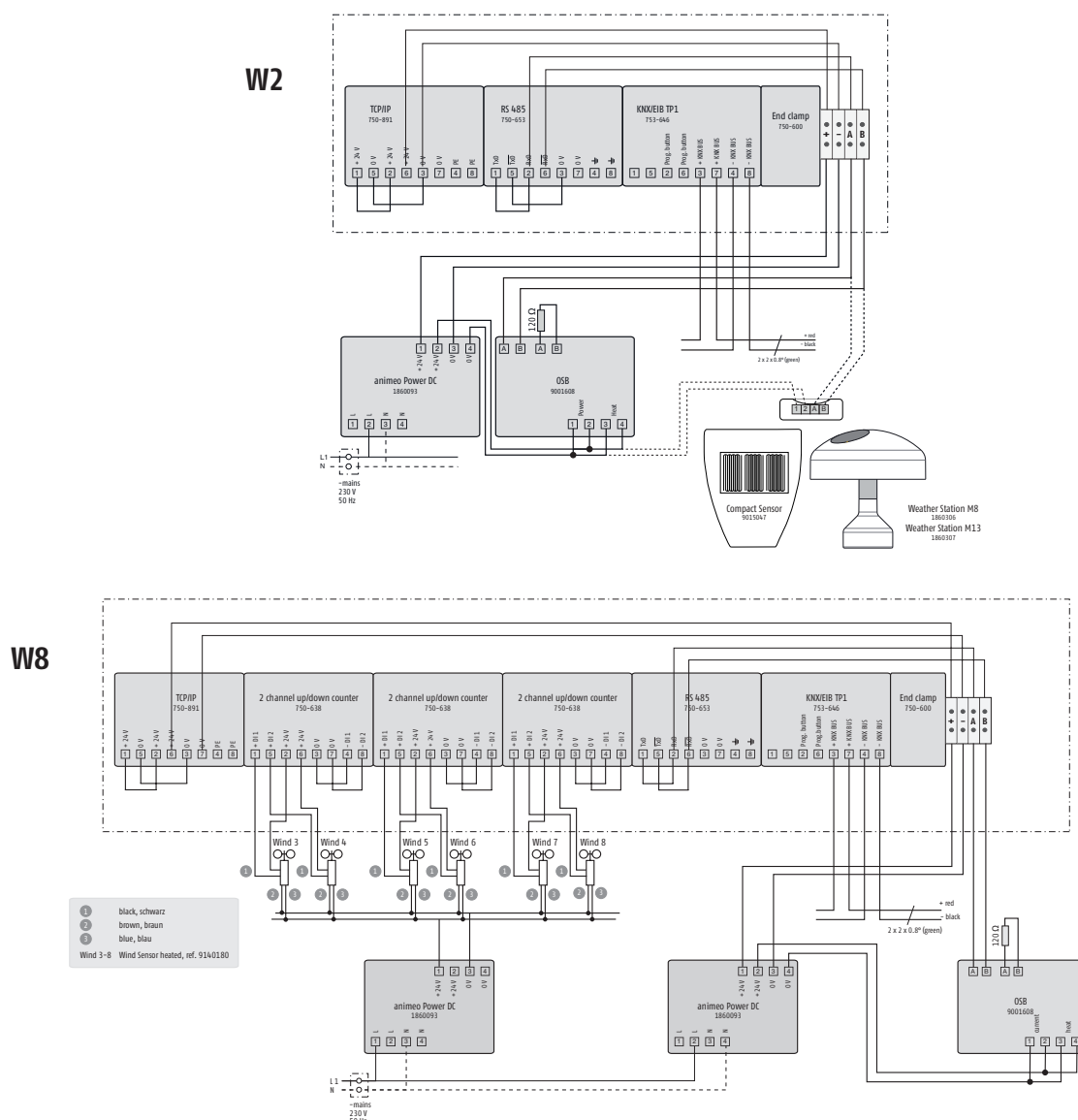
- > The facing direction of the façades is taken into account in the buildings own precise shadow and in the shadow caused by opposite buildings.
- > Optimisation of energy consumption through automatic protection of over-heating. In cold weather conditions, sunlight is utilised as a natural source of energy.
- > The animeo KNX Operating Software can be used independently of the ETS programming tool.
- > The Somfy service includes the full preparation of the project-related shadow model, as well as expert consultation.

## Wiring

Connection	Cables	Twisted pair	Max. distance
<b>24 V DC</b>	Min.: 2 x 1.5 mm <sup>2</sup> /15 AWG Max.: 2 x 2.5 mm <sup>2</sup> /13 AWG	-	-
<b>Sensor Bus *</b>	Min.: 2 x 0.6 mm/22 AWG Max.: 2 x 0.8 mm/20 AWG	Required	500 m/ 1650 ft
<b>Ethernet</b>	Cat. 5/100 Mbit/s	-	100 m/ 330 ft
<b>KNX bus</b>	2 x 0.8 mm/20 AWG	Required, see KNX topology instructions	
<b>Wind sensor heated</b>	Min.: 4 x 1.5 mm <sup>2</sup> /15 AWG Max.: 4 x 2.5 mm <sup>2</sup> /13 AWG	-	100 m/ 330 ft
<b>Wind sensor unheated</b>	Min.: 4 x 0.6 mm/22 AWG Max.: 4 x 2.5 mm <sup>2</sup> /13 AWG	-	100 m/ 330 ft

\* Outside Sensor Box/Compact Sensor/Weather Station M8 + M13

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### CHARACTERISTICS

	W2 - Ref. 1860187	W8 - Ref. 1860193
Supply voltage	24 V DC (- 25 % / + 30 %)	24 V DC (- 25 % / + 30 %)
Stand-by power (IEC 62301)	2,2 W @ 24 V DC	2,4 W @ 24 V DC
Max. operating current	500 mA @ 24 V DC	500 mA @ 24 V DC
Accuracy of clock	+ 50 seconds per month (+ 25 °C)	+ 50 seconds per month (+ 25 °C)
Operating temperature	0 °C to 55 °C	0 °C to 55 °C
Relative humidity	Max. 85 %	Max. 85 %
Material of housing	PC-ABS	PC-ABS
Housing dimensions (w x h x d)	180 x 182 x 110 mm	180 x 254 x 110 mm
Weight	880 g	1150 g
Degree of protection	IP 20	IP 20
Protection class	III	III
Conformity	www.somfy.com/ce	

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