

Weather Station KNX

Ref. 1870932



OVERVIEW

The Weather Station KNX is a building controller with advanced functionalities to manage 8 façade areas and all types of blinds.

INSTALLATION FEATURES

- > Screw to fasten the weather station marks the orientation of the device
- > Mounting arm to align the sensor head
- > Cable outlet on mounting arm
- > Power supply cable with plug for connecting the weather station

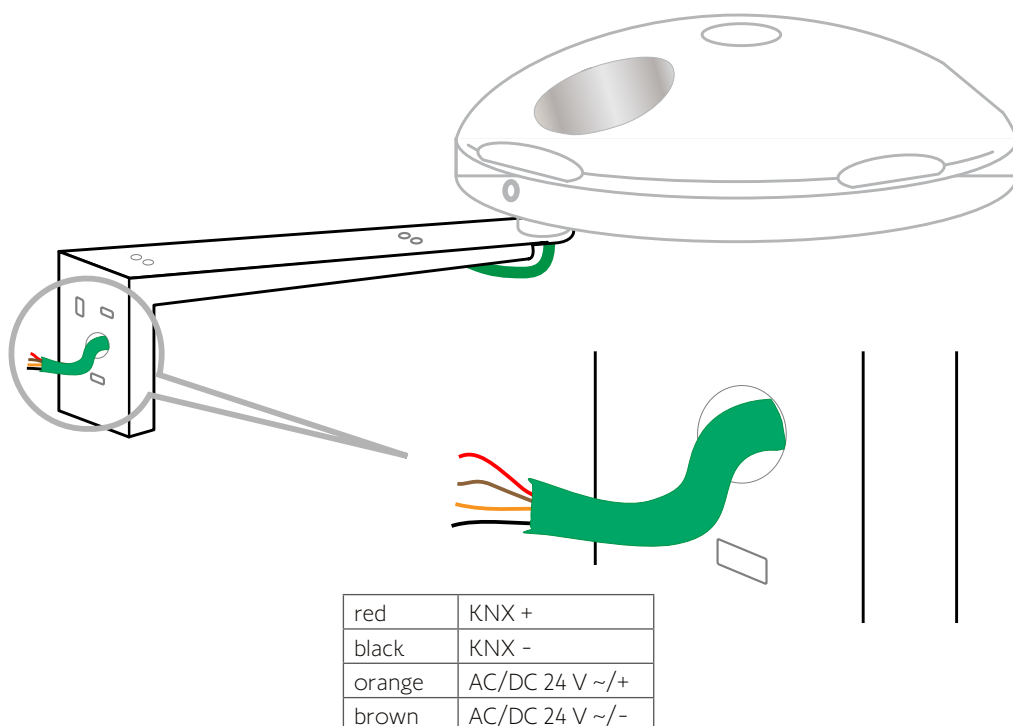
PACKAGE CONTENTS

- > animeo Weather Station KNX
- > Installation guide
- > 2 x Guide blades with screw when mounting the weather station on a mast
- > Mounting bracket
- > 2x hose clamp for fastening the mounting bracket to a mast
- > Screws and dowels for fastening the mounting bracket to a wall
- > Connection cable
- > Programming magnet

FUNCTIONAL FEATURES

- > Automatic sun protection algorithm (sun tracking) to optimize occupants' comfort
- > Twilight management
- > Multiple security sensors to protect the installation
- > Energy optimisation by measuring the global radiation
- > Compact design discrete on façade or roof
- > 4 brightness sensors in 4 orientations and sensors for twilight, wind speed and wind direction, rain, absolute and relative humidity, temperature, global radiation
- > Integrated heating
- > Integrated KNX bus coupling unit
- > Software logic modules for linking events
- > Integrated GPS/GLONASS receiver for automated positioning

WIRING DIAGRAM



CHARACTERISTICS

Weather Station KNX	Ref. 1870932
Rated voltage KNX	21....32 V DC SELV
Current consumption KNX	max. 5 mA
Rated voltage	21 ... 32 V DC, SELV
Current consumption	400 mA
Interface	KNX
Commissioning mode	s-mode
Connection cable	LiYCY 4xAWG26
KNX medium	TP
Wind Accuracy (> 10 m/s)	± 5 %
Wind Accuracy (<= 10 m/s)	± 1 m/s
Resolution	0.1 % rel. humidity
Ambiant temperature	- 30° C ... + 60° C
Storage/transport temperature	- 25° C ... + 70° C
Total length per line	max. 15 m
Housing dimensions (Ø/h)	130 mm/68 mm
Weight	230 g
Degree of protection	IP44
Protection class	⚡
Conformity	www.somfy.com/ce

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