animeo
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
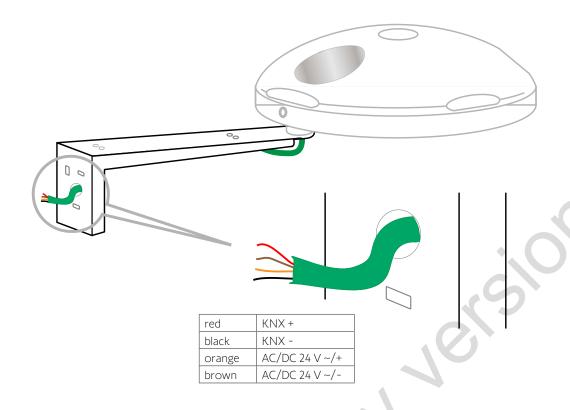> Power supply cable with plug for connecting the weather station

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

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WIRING DIAGRAM

red	KNX +
black	KNX -
orange	AC/DC 24 V ~/+
brown	AC/DC 24 V ~/-

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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