


 Art.-no.:
01078075

Weather station for KNX shutter actuators.

Installation and Operating Instructions

Safety precautions



ATTENTION!

Danger High Voltage – only for authorised electricians

- Installation and commissioning of the device only be carried out by authorised electricians. The relevant standards, directives, regulations and instructions must be observed. The devices are approved for use in the EU and have the CE mark. **Use in USA and Canada is prohibited.**

Technical data

Measured data:	Brightness, Wind, Twilight, Temperature
Twilight range:	0–1.000 lux
Daylight:	0–100.000
Temperature range*:	-22°F to +158 °
Windspeed range:	0–32 m/s
Power supply:	KNX BUS
Power consumption KNX BUS typ.:	<0.3 W
Permitted wire gauge:	
KNX BUS connection terminal:	0.8 mm Ø, solid core
Ambient temperature:	-4 °F to +158 °
Protection degree:	IP 20
Conformity:	

* Depending on mounting position the measured temperature value can be different from real value.

Terminals, Operating and Display elements



- 1 KNX BUS connection cable (red = plus, black = minus)
- 2 Programming button (Reed contact)
- 3 Red programming LED

Installation and connection

1. Place the weather station on wall or pole.
Make shure to have free sight field to south, west and east.
Turn (a) the weather station that the nose (b) is exactly adjusted to south.
Make shure that the weather station is not installed in the shadow/slipstream of any sunblind constructions.
2. Dismantle the cable and connect the weather station module to the KNX BUS (red = plus, black = minus).
3. Switch on KNX power supply.

Functional description

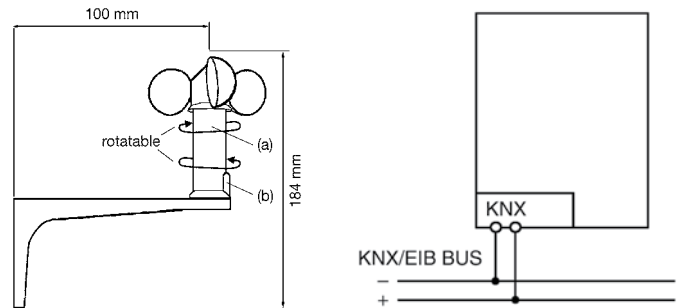
Weather Station Home:

- 3 channels for sun protection to control blind/shutter
- Sun protection up to 3 facades
- Offers wide functions to control facades (2 switching threshold, teach in function)
- Central shutter control for Up/Down via brightness value (with time delay)
- Brightness value for east, south, west, twilight
- Wind speed value, alarm if wind speed exceeds limit, temperature value
- Suited to control facades at home
- Installation on wall or pole, 5 m connection cable
- No additional power supply required
- Integrated bus coupling unit
- 3 years warranty

Declaration of conformity

 This product complies with the essential requirements. The Declaration of Conformity concerning this product is available on our website: www.vestamatic.com

Connection example



Start-up



NOTE:

 Before commissioning please download application software at: www.vestamatic.de/en/download/product-information.html

1. Assign the physical address and set parameters with the ETS3/ETS4.
2. Upload the physical address and parameters into the logic module.
After request press programming button (reedcontact) by using a magnet.
3. After successful programming the red LED goes out.

Disposal of waste

The disposal of electrical equipment and batteries in household waste is strictly forbidden.


The symbol (dustbin crossed out, in line with WEEE Appendix IV) indicates separate collection of electrical and electronic products in EU countries. Do not dispose of the device or battery in your household waste. Ask your town or local council about the return and collection systems available in your area to dispose of this product.

Manufacturer

MDT technologies GmbH • Papiermühle 1 • 51766 Engelskirchen • Germany
Phone: +49-22 63-880 • Fax: +49-22 63-45 88 • knx@mdt.de • www.mdt.de