



WINDANCER 2.0 KNX sec



SMART SUN PROTECTION FOR RESIDENTIAL AND COMMERCIAL BUILDINGS

The Windancer 2.0 KNX sec weather station provides the most important weather and outdoor data for a KNX-automated building in one compact device. The Windancer 2.0 GPS KNX sec model also receives the GPS location and time signal, enabling sun-position-controlled shading plus time and calendar functions.

RECORDING WEATHER DATA

- Mechanical wind speed sensor, tested up to 200 km/h in a wind tunnel
- Brightness measurement with 3 sensors
- Reliable detection of rain and snow via heated sensor
- Outdoor temperature measurement
- Compact device. No additional evaluation electronics or interface required



SMART KNX FUNCTIONS

- Live Data Adjustment sets current measured values as new threshold values via communication object.
- 8 AND / 8 OR logic functions

TIME-SAVING KNX APPLICATION

- KNX Data Secure with AES-128 encryption
- Clear structure and context help for easy parameter setting
- Smart Linking Ready for faster integration

SHADING AUTOMATION WITH WINDANCER 2.0 GPS KNX sec

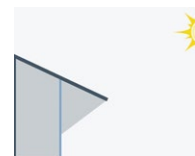
- Automatic shading control for 8 façades
- Precise slat tracking and shadow edge tracking based on the sun's position, calculated from the GPS signal. Always uses the highest of the three brightness readings
- Protection of shading devices from rain/snow, wind and frost.
- Heat protection position at high outdoor temperatures
- Weekly time switch with 24 time periods. Can be combined in the internal logic module with events such as wind or rain alarm
- Calendar time switch: 4 periods with 2 switching operations per day.



Sun direction and shadow cast by trees



Slat tracking according to the height of the sun



Shadow cast by the roof overhang and shadow edge tracking

Item no.	Product name	Colour	Price group	List price plus VAT	
71238	Windancer 2.0 KNX sec	white	X2	347.90 €	
71239	Windancer 2.0 GPS KNX sec	white	X2	426.05 €	
30176	Windancer Modbus	white	X1	312.94 €	
30177	Windancer GPS Modbus	white	X1	382.94 €	
71290	Windancer basic W KNX sec	white	X2	280.00 €	
71291	Windancer basic W KNX sec	dark grey	X2	280.00 €	
30169	Windancer basic W GI, volt-free	white	X1	235.21 €	
30205	Windancer basic W GI, volt-free	dark grey	X1	235.21 €	
Accessories					
30129	Mast mount Fix P	white	X1	37.31 €	

Additional arms and mounts [available from Elsner Elektronik](#).

Scope of delivery

- Weather station or wind sensor incl. connection terminals
- Weather stations incl. screw set for installation
- Installation instructions enclosed, ETS manual and KNX application available for download

Windancer design family

- Weather station available for KNX or Modbus
- Wind alarm sensor available in the same design for KNX or with volt-free switching contact. Choice of white or dark grey

