



x000D The weather station with GPS receiver measures temperature, wind speed, brightness, and detects the presence of rain. It also receives the GPS signal, including date and time, and calculates the exact position of the sun (azimuth and elevation, optimized for UTC time slots between -1 and +3) based on the geographic coordinates and the detected time._x000D_ The measured data can be used to perform automatic switching when configurable thresholds are exceeded. The resulting states can also be used in logical AND/OR operations configurable via ETS._x000D_ All sensors and electronics for connection to the KNX bus are integrated in a single compact housing. The device is intended for installation in the European area.

Communication	KNX	No. DIN modules	0
Power supply	24V ac/dc, max. 100mA	Connection to the KNX bus	KNX bus terminal
Working temperature	-30 ...+50 °C	Storing temperature	-30 ...+70 °C
IP degree	IP44	Standard	Transient emissions
Interfaces	KNX TP1	Current absorbed by KNX bus (mA)	Max. 8 mA
Category	Weather station	Dimensions LxHxD (mm)	96x77x118
Assembly	Wall/pole-mounting	Colour	White
Current consumption	Max. 185 mA a 12 V DC; e Max. 81 mA a 24 V DC con ripple 10%	Rain sensor heater power	1.2 W a 24V
Temperature sensor range	-40°C ... +80°C	Temperature sensor accuracy	±1°C a -10...+85°C, ±1.5°C a -25...+150°C
Temperature sensor resolution	0,1 °C	Wind sensor range	0...35 m/s
Wind sensor accuracy	Con temperatura ambiente -20...+50°C: ±22% del valore misurato in caso di angolo di incidenza di 45°...315°	Wind sensor resolution	0,1 m/s
Brightness sensor range	0...150 000 lux	Brightness sensor accuracy	±35%
Risoluzione sensore di luminosità 1 lux a 0...120 lux, 2 lux a 121...1 046 lux, 63 lux a 1047...52363 lux, 423 lux a 52364...150000 lux			

TECHNICAL SYMBOLOGY

IP

IP44

STANDARDS/APPROVALS

