80490001

IP44

easy

Weather station with GPS surface-mounted with integral bus coupling unit, KNX, white, transparent

Technical features

Architecture

Type of product	analogic multifunction
Fixing mode	surface-mounting

Functions

Precipitation (Yes/No)	1 bit
With heater	yes
- 3 preset limit values for wind alarm	

Controls and indicators

- for control of shading systems for up to 4 facades
- with programming button

Voltage

Auxiliary voltage	24 V AC/DC
Operating voltage over bus	21…32 V DC

Electric current

Rated current (heating incl.)	80 mA

Measurement

Speed measurement range	0 / 35 m/s
Temperature measurement range	-30 / 80 °C
Measuring range, wind speed	0…35 m/s
Measuring range, wind strengths	0…35 Bft

Power supply

Supply voltage	24 V AC/DC

Detection

- with wind, precipitation, twilight, temperature and brightness sensor

Dimensions

Dimensions (LLxwwxhh)	96x77x118mm

Lighting control

Brightness measurement range	0 / 150000 Lux

LED control

LED	with red programming LED

Installation, mounting

Installation mode	for wall and mast assembly, with pipe clamp for mast fixing

Connection

Analogical connection	no

- with integral bus coupling unit
- with plug-in terminals for power supply
- bus connection via connecting terminal

Settings

Supported configuration modes	system, easy
Time	with automatic summer/winter time change-over, Reception of date, time and location data via GPS signal

- easy commissioning by means of predefined parameters
- predefined parameters when activating heat protection function or heat generation function

Equipment

Weather station	yes
With rain detection	yes

- with heater element for winter operation

Use

Differentiation characteristic 3 - Sales	with integral bus coupling unit

Safety

Protection index IP	IP44

- cyclical transmission behaviour for outside temperature, frost alarm, brightness, day/night mode, wind alarms and rain alarm predefined

Use conditions

Operating temperature	-30...50 °C

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Temperature measuring range, linear	-30...80 °C

Identification

Main design line	KNX

Instructions

Information text	Ensure correct orientation and free-standing installation.