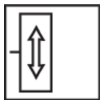


TXE531

IP44



KNX GPS Weather station with simulation function

Technical properties

Architecture

Type of product analogic multifunction

Functions

Precipitation (Yes/No) 1 bit

Easy link functions 3 limit values can be set for wind alarm

Function with simulation function for commissioning independently of weather conditions

Controls and indicators

Control for control of shading systems for up to 4 facades

Button / push-button 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

Dimensions

Dimensions (LLxwxhh) 96 x 77 x 118mm

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

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

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	
Bus coupling unit	with integral bus coupling unit
Type of connection	with plug-in terminals for power supply
Bus connection	bus connection via connecting terminal
Settings	
Supported configuration modes	system, easy
Parameterisation	easy commissioning by means of predefined parameters ; predefined parameters when activating heat protection function or heat generation function
Time	with automatic summer/winter time change-over ; Reception of date, time and location data via GPS signal
Equipment	
Number of binary inputs	0
Heating	with heater element for winter operation
Use	
Differentiation characteristic 3 - Sales	with integral bus coupling unit
Safety	
Protection index IP	IP44
REACH conform	Yes
RoHS conform	Yes
Alarm	cyclical transmission behaviour for temperature alarm, brightness, day/night mode, rain alarm and 3 wind alarm levels freely adjustable
Use conditions	
Operating temperature	-30...50 °C
temperatur	
Temperature measuring range, linear	-30...80 °C
Identification	
Main design line	KNX
Instructions	
Information text	Ensure correct orientation and free-standing installation.