Master Pro Evo KNX

Design iGuzzini   **iGuzzini**

Last information update: February 2023

Product code
MI14: 4-Channels weather station

Technical description
The weather station detects and processes the signals of the analogue sensors such as wind speed, light level, twilight, precipitation and a DCF77 signal. Up to four analogue sensors and the DCF77 weather combi-sensor can be connected in any combination. For installation on DIN rails EN 50022. The bus is connected via a special connecting terminal; a data rail is not necessary. If DCF77 weather combi-sensors are used, a ready-configured setting is available in the software. The values measured are converted by a weather station into 1 byte/2 byte telegrams (value EIS 6/5). This allows the bus devices (viewing software, measured value displays) to access control processes, generate signals or control weather-dependent processes. Programming is carried out using the ETS application for the weather station. Two limit values per sensor (not for rain). Connection to multiple wind sensors. Up to 14 signals can be assessed. Evaluation of DCF77 time signal (date and time). Astro function. Logic operation controller for application of limit-value-dependent actions (even external). Shading of individual facade segments. Combi-sensors signal monitoring with object for subsequent protective measures. Wind sensors signal control for calculation with object for subsequent protective measures. Selective shading of facades (for 4 facades) with adjustment of basic light level, facade alignment, angle of opening relative to the sun. External objects for modifying basic light level, angle of opening and limit values. Alarm bytes. Auxiliary voltage: 24 V AC (+/-10 %) Analogue inputs: 4 Current interface: 0 . . . 20 mA, 4 . . . 20 mA Voltage interface: 0...1 V, 0... 10 V Outputs: 24 V DC, 100 mA Device width: 4 modules = approx. 72 mm DCF77 weather combi-sensor, code MI15. Contents: bus connecting terminal and cable cover.

Colour	Weight (Kg)
Indeterminate (00)	0.15

Notes

For system composition info, please contact iGuzzini

Complies with EN60598-1 and pertinent regulations

EAC