



### Main

The weather station records and processes analogue sensor signals such as wind speed, brightness, twilight, precipitation and a DCF-77 signal. Up to four analogue sensors and the DCF-77 weather combi-sensor can be connected in any combination.

In connection with the 4-gang analogue input module, 8 analogue inputs are available, to which the connection is made using the sub-bus.

For installation on DIN rails EN 50022.

### Complementary

The bus is connected using a bus connecting terminal; a data rail is not necessary.

If DCF-77 weather combi-sensors are used, it is possible to access a pre-configured setting in the software.

The measured values are converted by the weather station into 1 byte / 2 byte telegrams (EIS 6/5 value). This enables bus devices (visualisation software, measured value displays) to access the control processes, generate signals or control weather-dependent processes. Programming is performed using the ETS tool for the weather station.

#### Functions:

- Two limit values per sensor (not for rain)
- Connection of multiple wind sensors
- 14 signals can be evaluated
- Evaluation of DCF-77 time signal (date and time)
- Astro function
- Logic operation controller for application of limit-value-dependent actions (even external)
- Shading of individual façade segments
- Signal monitoring of the combi-sensors with object for the following protective measures
- Checking the wind signal for conclusiveness with object for the following protective measures
- Selective façade shading (for 4 façades) with adjustment of the basic brightness, façade alignment, angle of opening relative to the sun.
- External objects for intervention in basic brightness, angle of opening and limit values
- Alarm byte
- Continuity monitoring with report on the bus

**Auxiliary voltage:** AC 24 V (+/-10 %)

**Analogue inputs:** 4

**Current interface:** 0 ... 20 mA, 4 ... 20 mA

**Voltage interface:** 0 ... 1 V, 0 ... 10 V

**Outputs:** DC 24 V, 100 mA

**Device width:** 4 modules = approx. 72 mm

**Accessories:** Analogue input module REG/4-gang, art. no. MTN682192. Weather combi-sensor/DCF-77, art. no. MTN663692. Power supply REG, AC 24 V / 1 A, art. no. MTN663529.

Contents: With bus connecting terminal and cable cover.

Colour: light grey

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