



KNX – Weather station with combi sensor

The weather station is used to record and route weather data and events.

A digital combi sensor and up to four analogue measuring sensors can be connected to the weather station. An optional analogue input module offers as an extension the possibility of connecting four additional analogue measuring sensors.

A combi sensor delivers data from 3 brightness sensors, 1 twilight sensor, 1 wind sensor and 1 rain sensor. The version with DCF antenna moreover supplies the atomically accurate time and sends it on the bus (provided there is DCF signal reception).

An unlimited number of standardised sensors (0 ... 1 V DC, 0 ... 10 V DC, 0 ... 20 mA DC, 4 ... 20 mA DC) can be connected to the analogue inputs (temperature, global radiation, humidity, pressure = liquid level, etc.)

The weather station is however capable of much more as it has a shading control system which can adjust the blinds per façade dependent on the position of the sun.

Furthermore, it has an integrated, high-capacity logic module which can implement logic operations in the system.