GIRA Data sheet

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Weather station Standard for KNX



| Specification | Order No. | Packing unit | PS | EAN |
|---------------|-----------|--------------|----|---------------|
| | 2150 04 | 1 | 06 | 4010337058441 |

Features

- Weather station Standard for measuring and evaluating weather data (wind speed, precipitation, twilight, temperature, and brightness).
- Installation outdoors of buildings, preferably in the roof area.

- Temperature sensor for measuring the outside temperature.

- Wind sensor (thermal) for determining the wind speed.
- Twilight sensor for measuring the brightness in the twilight range.
- Three brightness sensors arranged at 90° to each other determine the brightness in daylight and sunshine depending on the direction.
- A teach-in function enables a current measured value to be applied as a limit. This can be triggered by pressing an external button, for example.
- Two limits with an adjustable hysteresis per sensor (except rain sensor) can be parameterised.
- All limit objects have a parameterisable switch-on and switch-off delay.
- Six logic gates (AND, AND with return, OR, exclusive OR, NAND, NOR) with up to four inputs for external and internal 1-bit values.
- Four blocking elements for blocking functions or manual operation.
- Cyclical transmission in case of a value change.

Technical data

| KNX medium: | TP1-64 |
|--|---|
| Rated voltage: | AC/DC 24 V SELV |
| Power consumption: | 7 W |
| Measurement range - Wind speed: - Brightness: - twilight: - Precipitation: | 0 to 40 m/s 1 to 110 klx 0 to 674 lx Yes/No (binary) |
| Protection class: | IP44 |
| Ambient temperature: | -20 °C to +55 °C |

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Notes

- Direct sunlight can impact temperature measurement.