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Weather station Standard for KNX



Specification	Order No.	Packing unit	PS	EAN
	2150 04	-	-	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.
- Rain sensor for recording precipitation.
- 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:	0 to 40 m/s
- Brightness:	1 to 110 klx
- twilight:	0 to 674 lx
- Precipitation:	Yes/No (binary)
Protection class:	IP44
Ambient temperature:	-20 °C to +55 °C

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Notes

- Direct sunlight can impact temperature measurement.

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