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Weather control unit for Gira One and KNX



Specification	Order No.	Packing unit	GBP/piece without VAT	PS	EAN
 DRA	5147 00	1	317.43	06	4010337124412

Features

Function in the Gira One system (from September 2026)

- The components of the weather station consisting of a weather sensor and a weather control unit cannot be used individually.
- The weather sensor has the following sensors:- Brightness from three directions (spaced 90° apart, compass directions: east, south, west)- Temperature- Wind speed- Precipitation sensor, with integrated heating
- The weather sensor transmits the sensor values to the weather control unit, which evaluates the sensor information and sends it to the bus.
- Automatic visualisation of sensor information in the Gira Smart Home App.
- The weather sensor can communicate with up to 20 weather control units.
- Encrypted data transfer between the Gira One devices.

Function channels

- 2x wind alarms so that the connected blinds are raised and automatically locked when the alarm is active. The status of the wind alarm is monitored on a cyclical basis.
- 1x precipitation alarm so that the skylights or roof domes close immediately and are automatically locked when the alarm is active. The status of the alarm is monitored on a cyclical basis.
- 1x frost alarm so that active movements of shutters are stopped and locked when the alarm is active to protect the shutter motor. The status of the alarm is monitored on a cyclical basis.
- 4x sun protection for 4 façades with automatic sun protection function incl. evaluation delay, for reliable sun protection function. Separate activation/deactivation function in the Gira Smart Home App.
- 1x day/night function for switching between day/night mode incl. separate activation/deactivation function in the Gira Smart Home App.
- Automatic information in the event of communication faults between the weather sensor and the weather control unit.

Function in the Gira KNX system

- The weather control unit is used in combination with the weather sensor 8380 00, evaluates the sensor information and sends it to the KNX:- Wind speed- Outdoor temperature- Brightness in lux of all three brightness sensors incl. maximum brightness.- Precipitation (yes/no)
- Up to 20 weather control units can be connected to one weather sensor.
- 10 sensor channels for wind, precipitation, temperature and brightness. Logical AND/OR links can be created within the sensor channels to evaluate multiple sensor values together.
- Evaluation delay for all sensors to ensure reliable functionality.
- 8 sun protection channels for 8 facades with automatic sun protection function incl. evaluation delay to ensure a reliable sun protection function.
- 2 objects for external brightness sensors.
- Pre-defined day/night object for switchover between day/night mode incl. separate activation/deactivation function via the communication object.
- Communication object that provides information about any communication problems between the weather control unit and the weather sensor.

Illustrations are similar and may deviate from originals.
Prices valid for United Kingdom with prices valid 01/26.

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Technical data

KNX medium:	TP256
Gira One Medium:	Twisted-Pair (TP), YCYM 2 x 2 x 0,8
KNX rated voltage:	DC 21 to 32 V SELV
Internal consumption:	max. 0.5 W
KNX connection:	0.6 to 0.8 mm (bus line e.g. J-Y(St)Y 2 x 2 x 0.8)
Maximum cable length between weather sensor and weather control unit:	1,000 m
Protection class:	IP20
Rated surge voltage:	0.8 kV
Number of weather control units that can be connected to a weather sensor:	20
Ambient temperature:	-5 °C to +45 °C

Notes

- Installation on DIN top-hat rail.
- Can be updated via the Gira Project Assistant (GPA).
- Programming and start-up with the Gira Project Assistant (GPA), from version 6.1.
- Encrypted data transfer between the Gira One devices.

Scope of supply

- Connection and junction terminal for KNX included with delivery.

Dimensions

Modular width (MW):	3
