GIRA Data sheet

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Room climate sensor Komfort for KNX System 55



Specification	Order No.	Packing unit	PS	EAN
cream white glossy	2005 01	1/5		4010337130383
pure white glossy	2005 03	1/5		4010337130390
pure white matt	2005 27	1/5		4010337130413
anthracite	2005 28	1/5		4010337130482
colour aluminium (lacquered)	2005 26	1/5		4010337130505
black matt (lacquered)	2005 005	1/5		4010337130512
grey matt (lacquered)	2005 015	1/5		4010337130529
stainless steel (lacquered)	2005 600	1/5		4010337130536

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Features

- Room climate sensor with integrates bus coupler.
- Room temperature auxiliary unit for a heating actuator with controller.
- Segment-based display: Display of the operating mode (comfort, lowering temperature, night-time lowering, eco), window status, operation lock, boost function, heating/cooling mode, humidity and air quality status as a configurable traffic light indicator.
- Display brightness can be configured incl. day/night mode.
- Integrated temperature and humidity sensor.
- Connection of an external temperature sensor.
- Dew point determination and alarm function.

Operating functions

- Setpoint adjustment.
- Operating mode change.
- Operation lock can be set automatically after a set time or via an object.
- Switch on/off function.
- Boost function.
- Heartbeat function: Check whether the application is running without errors.

Controller auxiliary unit

- Control of heating actuators for KNX with integrated room temperature controller.
- Change the operating mode of the room temperature controller.
- Adjust the target temperature of the room temperature controller.

Integrated button interface, 4-gang

- 4 zero-voltage inputs for buttons, switches, door/window status, leakage/condensation sensor, pulse counter, temperature sensor, output.
- Scene auxiliary units and value transmitter functions (temperature, brightness, RGBW colour values).
- Different telegrams with short/long button press.
- Short-circuit-proof, overload-protected and reverse-polarity-protected outputs.

Logic functions

- 8 separate logic functions (AND, OR, XOR, 1-bit to 1-byte, blocking element, comparator, limit switch).
- Dedicated KNX communication objects, processing of external KNX telegrams.

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Technical data

KNX medium:	TP256
KNX current consumption:	8 to 14 mA
KNX connection:	Connection and junction terminal
Number of inputs:	4
Output voltage:	DC 5 V SELV
Output current:	Max. 3.2 mA
LED current:	2.2 mA per output
Length cable set:	25 cm, can be extended to max. 30 m
Protection class:	III
Installation depth:	19 mm
Ambient temperature:	-5 °C to +45 °C
Relative humidity:	5 to 95% (no condensation)

Notes

- KNX Data Secure compatible.
- Firmware can be updated using the Gira ETS Service App (additional software).
- Configuration and start-up of the device from ETS 5 version 5.7.7 or higher or ETS 6 version 6.3 or higher (recommended).

Scope of supply

- Connection and junction terminal for KNX included with delivery.
- 5-wire cable set

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