

Operating and mounting instructions

Piazza Sense

Order no.: 81471-00

General use

The KNX control units from the IPAS Piazza Sense product family are used to detect and measure the room status values temperature, rel. humidity and CO₂. Essential functions, such as the acknowledgement of alarms, can be carried out via the integrated capacitive buttons.



View of Piazza Sense

A parameterisable OLED display shows the values recorded by the sensors. An acoustic feedback signals, for example, when limit values are exceeded.

The bus coupler for connection to the KNX bus is integrated directly in the device and the connection is made via a standard bus terminal. The programming LED and programming button are accessible from the rear.

Piazza Sense can be mounted directly in standard Ø 60 mm switch boxes using two mounting screws. They can be combined with 55 mm socket ranges from various manufacturers. It is also possible to arrange several Piazza push-buttons within a frame combination.

Device types and accessories

The following unit types are currently available from the Piazza product group:

Product	Description	Order no.:
Piazza 3G Tune	Control Panel	81513-03
Piazza 2 RGB	Control Panel	81113-02
Piazza 4 RGB	Control Panel	81113-04
Piazza 6 RGB	Control Panel	81113-06
Piazza 8 RGB	Control Panel	81113-08
Piazza 2	Control Panel	81111-02
Piazza 4	Control Panel	81111-04
Piazza 6	Control Panel	81111-06
Piazza 8	Control Panel	81111-08
Piazza Sense	Display and Control Panel	81471-00

Scope of delivery

The scope of delivery of a Piazza control unit includes the following individual components:

- Complete unit with plugged-in bus terminal
- Operating and installation instructions
- Delivery in unbreakable individual packaging

A frame is not included in the scope of delivery.

Application program

The following application program is currently available for the Piazza control panel:

ETS_81471_PiazzaSense_V1.0.0.knxprod

Installation instructions



Danger to life from electric current

- The unit is intended for fixed installation in dry indoor spaces.
- The unit may only be installed and commissioned by an authorised electrician.
- When planning and installing systems, the guidelines, rules and regulations, as well as the valid KNX guidelines of the respective country must be observed.
- When connecting the device, it must be disconnected from the power supply.
- The unit must not be opened.
- A defective device must be returned to the manufacturer with a return delivery note.

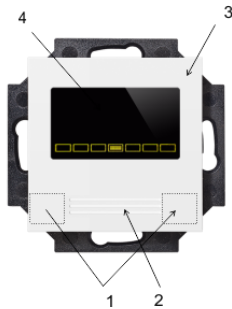
Technical data

CONNECTION DATA		
Power supply	Supply Voltage: Consumption:	via KNX Bus 24V/40mA (approx. 1W)
Connectors	KNX: (black/red), TP	0,6...0,8mm solid
GENERAL DATA		
Control and display elements	2 capacitive function and preselection keys, OLED display yellow 128x64 px Programming Button Magnetic programming button Programming LED	
Mechanical data (Depending on the model)	Casing: Width: Height: Length: Weight: Mounting:	Casing: Plastic ABS - PC 70 mm 37 mm 70 mm 55 g Clamped in the cutout or using a universal wall box.
Electrical safety	Pollution class: Protection type:*\br/>Protection class:** Overvoltage category: KNX Bus:	2 IP20 III III SELV DC 30V
EMC requirements	Complies with:	EMC directive 2014/30/EU
Environmental conditions	Weather resistance: Environmental conditions in operation: Storage temperature: Transportation temperature: Rel. humidity: (non condensing)	EN 50090-2-2 -5°C to +45°C -25°C to +55°C -25°C to +70°C 5 % to 93 %
Approbation and CE-Signage	KNX registered: According to EMC-Guidelines:	No (residential and commercial buildings), low voltage guidelines

* (according to EN 60529); ** (according to IEC 1140)

Location and function of the display and control elements

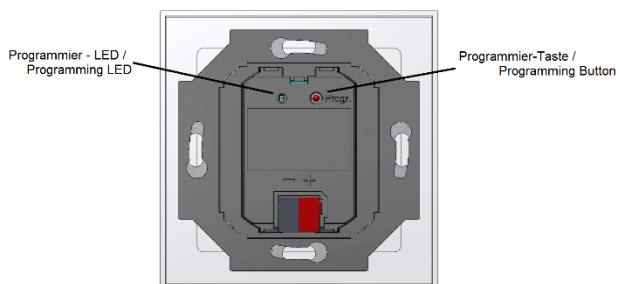
Control elements:



Legend:

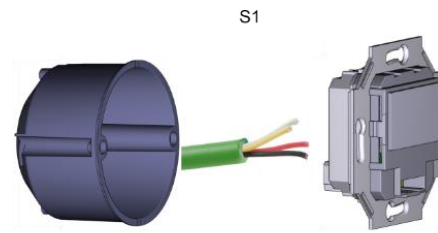
- 1. 2 capacitive buttons
- 2. ventilation and cover of the measuring sensors
- 3. mounting cover
- 4. yellow OLED display, 128x64px

Programming button and programming LED:



Mounting

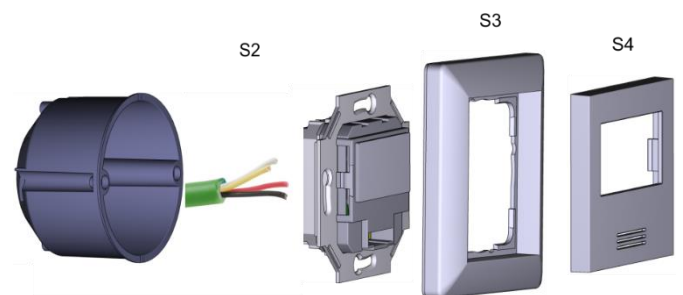
Step 1: Before the device is mounted onto a flush-mounting box, the bus cable has to be connected to the bus terminal and plugged into the rear of the device. Please remember to now assign the physical address of the KNX participant. Once the device has been mounted, the programming button and programming LED that are needed to assign the address are no longer accessible.



Step 2: The device is mounted directly into a standard installation box. Piazza Sense units can be fixed in the box using the mounting screws.

Step 3: A standard frame for 55mm panels (not included in delivery) is placed on top.

Step 4: The central plate is placed on the unit.



Mounting steps Piazza Sense