

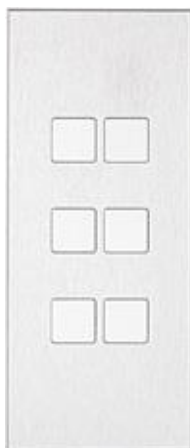
Operating and mounting instructions

Contrattempo 2 /4 /6 (LED optional)

Order No.: 62111-XX / 62112-XX

General usage

KNX control panels of the IPAS Contrattempo product range can be used for all standard switch and configuration functions via the KNX bus. The functions switching, dimming, value setting, blinds and sun protection, fan levels, and much more can be implemented with 2, 4 and 6 buttons.



Front view Contrattempo 6

In cutouts with a material thickness of 2-4 mm, our control panels are simply clamped in the cutout. The clamping springs attached to the housing fix the panel in the mounting cutout. For installation in drywall or for flush mounting IPAS provides corresponding installation boxes.

The KNX bus coupler is directly integrated into the device. A standard bus terminal is used for the connection. Programming LEDs and programming buttons are accessible on the back of the panel.

Device types and accessories

The following Contrattempo devices and accessories are available:

Product	Description	Order-no.
Contrattempo 2	Control panel	62111-02
Contrattempo 2 with LED	Control panel	62112-02
Contrattempo 4	Control panel	62111-04
Contrattempo 4 with LED	Control panel	62112-04
Contrattempo 6	Control panel	62111-06
Contrattempo 6 with LED	Control panel	62112-06
Wall box Contrattempo 2-4	Accessories	62995-00
Wall box Contrattempo 6	Accessories	62996-00

Scope of delivery

The following individual components are part of the Contrattempo delivery package:

- Complete device with plugged in bus connector (KNX)
- Operating and mounting instructions
- Delivery in unbreakable individual packaging

Application program

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

ETS_62111_Contrattempo_V1.0.0.knxproj

Installation advice



Danger to life from electric current.

- The device must only be installed and commissioned by an accredited electrical engineer.
- Please follow country-specific safety and accident prevention rules!
- The device is intended for interior installation in dry rooms.
- For the installation, the device must be switched to zero potential.
- Do not open the device! Faulty devices must be returned to the manufacturer.
- Please follow country-specific rules and regulations for the planning and construction of electrical installations.

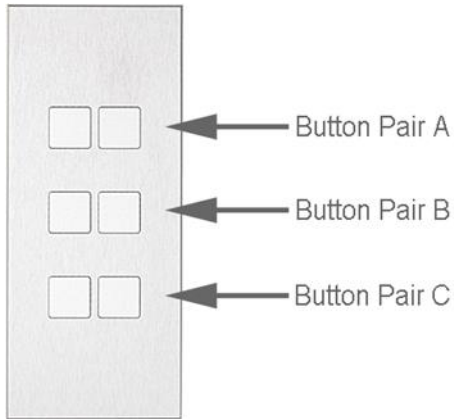
Technical data

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	KNX function keys: Programming button: LED, red:	Depending on the model, 2, 4 or 6. To assign the physical address. Displays addressing mode.
Mechanical data (Depending on the model)	Casing: Width: Height: Length: Weight: Mounting:	Metal/Plastic 40 mm 37 mm 75 mm (Contrattempo 2/4) 118 mm (Contrattempo 6) Depending on the model. 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

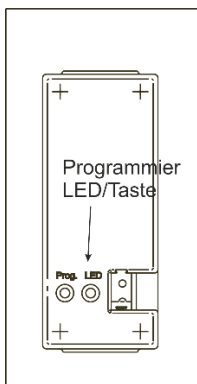
Control elements:



Mounting in installation boxes:

Before the device is mounted onto a flush-mounting box, the bus cable must 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.

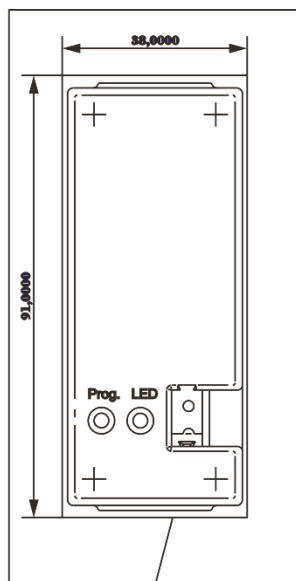
Programming button and programming LED:



Mounting

Mounting in cutouts:

In cutouts with a material thickness of 2-4 mm, our control panels are simply clamped in the cutout. The clamping springs attached to the housing fix the panel in the mounting cutout.



Einbausachnitt 36x91mm