EIB Touch-Control	Order Nr.: 63102-1340-01
	Order Nr.: 63102-1341-01

Device Variants and Accessories

EIB Touch-Control	63102-1340-01
With green backlighting	
EIB Touch-Control	63102-1341-01
With white backlighting	
Design frame	63102-19-10
Anodised Aluminium	
Design frame	63102-19-11
Stainless Steel	

Delivery Set

The following components are part of the delivery set:

TouchControl Device with bus connector and 230V connector
1x Inner Clip Frame
4 x Screws
1 x Flush Mounting Wall Box
1 x Dismantling Tool
Installation Instructions

Note: Design Frames have to be ordered seperately

Application Programs

The following application programs are currently available:

63102-TouchControl-01-0113, see application program description

Technical Data

Power Supply
- Bus voltage via *EIB* bus line
- External power supply 230 VAC, 50 to 60Hz

User Control Elements
- Pushbutton to toggle between normal and addressing mode
- Resistive Matrix Touchscreen featuring 6 x 10 sensitive fields on the display

Display Elements
- Red LED to indicate normal or addressing mode
- Graphical Display 320 x 240 Pixel with white or green backlighting

Connectors
- Bus: *EIB* bus connector
- 230V Connector: 3x 1,5mm² single or threaded core

Mechanical Data
- TouchControl Casing: PA66-GF20/30
- Inner Clip Frame: PA66-GF20/30
- Dimensions
  - Visible surface 190 x 155,5 x 6mm
  - 6 mm above wall surface
  - Depth in Wall box: 51,5 mm
- Dimensions of Wall Box: 160 x 130 x 70 mm
- Weight: approx. 350 g
- Fixing: screwed into wall box

Electrical Safety
- Degree of pollution: 2
- Type of protection (EN 60529):   IP20
- Safety Class: (IEC 1140)   I
- Overvoltage Category: III
- Bus: SELV DC 24 V

Electromagnetic Compatibility
Complies with EN 50081-1 and EN 50082-2, EN 50090-2-2

Environmental Conditions
- Complies with: EN 50090-2-2,
- Operating Temperatures: 0°C to +45°C
- Storage: -25°C to +70°C
- Rel. Humidity (not condensing): 5 % to 93 %

Approval
EIB/KNX registered

CE-mark
In accordance with the EMC guideline (residential and functional buildings) and the low voltage guideline.

Usage

The EIB Touch Display is a multifunctional command and control device that is based on a fully graphical LCD-Display with a

320 x 240 Pixel resolution and integrated resistive Matrixtouch featuring 6 x 10 touch fields. The display's backlight in green or white is activated when touched and deactivated after a programmable time delay.

The display is controlled by the ETS Application Program 63102-TouchControl-01-010 which can show and control up to 70 standard EIB functions on 7 tabbed pages, plus one page featuring up to 4 alarms and 2 text messages, as well as a series of time switch programs that can be modified on screen by the user without using ETS.
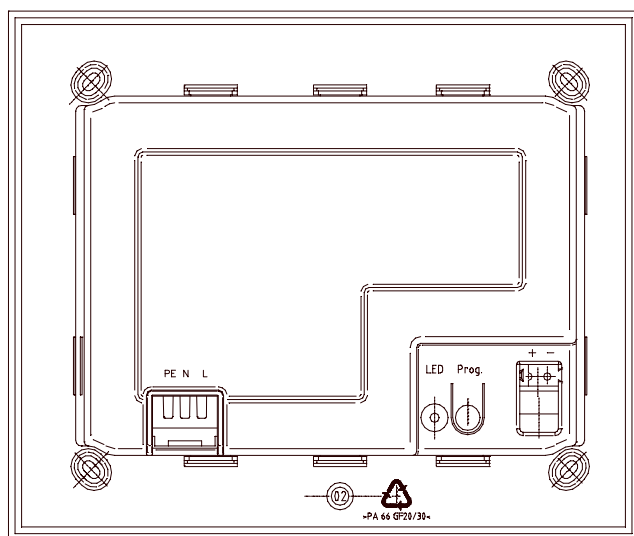

IPAS *EIB* Touch-Control

| *EIB* Touch-Control | Order Nr.: 63102-1340-01 |
| | Order Nr.: 63102-1341-01 |

Description of Rear Connectors and Pushbuttons

The device connectors and the programming and commissioning pushbutton are accessible on the device back. The following diagram represents schematically the device's back panel. The following schematic shows the rear side of the device.

The EIB bus cable is connected using a standard EIB connection block. Left to the EIB connector: the programming pushbutton and the programming LED. The connector for the external power supply is on the left hand side of the back panel. It is necessary to remove the connection block from the back panel in order to insert the power supply cables. Once the cable conencted to the block, fix again to the back panel.
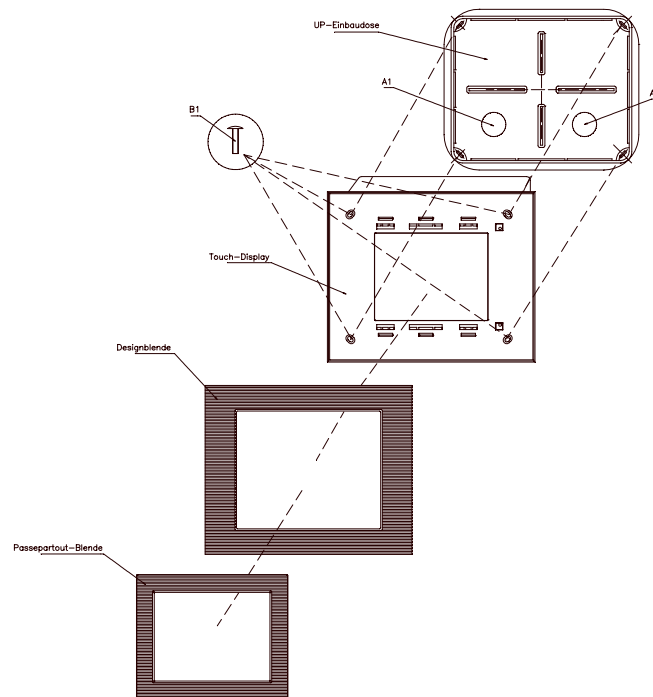
The connector has to be wired accroding to the diagram on the rear. Please ensure that the order is correct!

Important Installation Notes

- The device is conceived for fixed indoor-mounting in dry rooms.
- The device has to be used in conjuction with approved accessories only, such as the wall box.
- It is not permitted to position other 230V devices inside the wall box and to loop or cascade 230V cables through the wall box.
- Only qualified personnel may install and commission the device!
- Applicable safety regulations and standards are to be followed at all times!

Device Assembly

The device must be mounted using the mounting box that was delivered with the touch display. When fixing the mounting box, it is important to have the bus cable enter through the left opening (A1) and the external power supply cable through the right opening (A2). The bus cable and the power supply cable must never be entered together through a single opening. Inside the mounting box, a minimal distance of 10mm between bus cable and power supply cable must be given at any time.

Now fix the bus cable and the power supply cable to the touch panel using the connector blocks. The power supply should still be off at this point in time. **Only switch the power supply on after complete assembly and mounting of the touch panel**. Once the bus cable has been connected and the bus actually been switched on, it is possible to activate the programming pushbutton and commission the physical EIB device address with ETS. Activation of the programming pushbutton turns on the LED which then turns off once the physical address has been assigned. At this moment in time, the touch display is fixed to the mounting box using the 4 screws that have been delivered as part of the set (B1). The protection foil covering the touch display surface can now be removed. Never use any sharp, cutting or pointed device or tool to remove the foil.

Once the display has been fixed to the box with the screws and the protection foil removed, the design cover holder needs to be inserted over the touch display and fixed by snapping the aluminium or stainless stell design cover onto the holder. **Never apply pressure onto the touch display itself, its glass surface could break.**
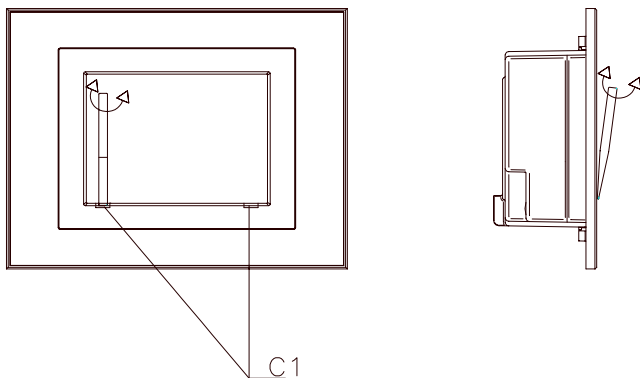
EIB Touch-Control	Order Nr.: 63102-1340-01 Order Nr.: 63102-1341-01

When the assembly and mounting completed, it is possible to switch on the external power supply and start the programming and commissioning.

Dismanteling / Changing the Design Frame

To dismatle the device or to change the design frame, it is necessary to remove the internal clip frame. The dimantling tool should be inserted into the 2 small cavities on the inside of the clip frame and pivoted to remove the clip frame. **Only use the dismantling tool never a sharp tool, knife or screw driver to avoid damage to the touch screen.**

C1

Once the clip frame is removed, the device can be dimantled or the design frame changed.

Product Care and Cleaning

The design frame and the plastic components can be cleansed with mild, solvent free detergents. The display surface should only be cleaned using a moist cloth or a mild glass cleaner. Never use abrasive products or sponges.