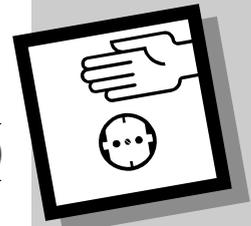
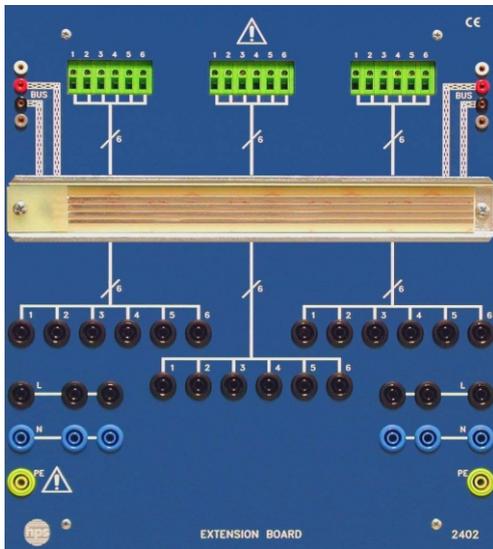


Installation Technology – European Installation Bus (EIB)



EXTENSION BOARD

Type 2402



EXTENSION BOARD

(Type 2402)

- For expanding hps training systems for the „European Installation Bus“
- Assembly of EIB components on a tophat rail
- Adaptation of common installation lines to safety jacks (4 mm)
- Tophat rail with integrated data rail
- Interconnection of several EXTENSION BOARDS possible
- Can be used as a desk-top unit or in a demonstration rack

The EXTENSION BOARD is used for experiments with the „European Installation Bus“ to extend the following hps training systems:

- INSTALLATION BOARD (Type 2401)
- Demonstration Boards for „European Installation Bus“ (series 2410)
- Demonstration Boards for installation technology (series 2200)

Three 6-pin adapters enable adapting of the common installation lines to 4 mm safety jacks.

The inputs and outputs of the EXTENSION BOARD are wired by 4 mm safety jacks, the bus connection by 2 mm jacks.

To conduct the experiments, the EXTENSION BOARD can be placed on a table or suspended in an hps rack for demonstration purposes.

A tophat rail is mounted on the front of the EXTENSION BOARD. This can be assembled with any commercially available EIB components of different manufacturers.

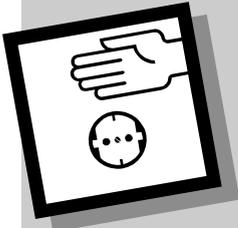
Accessories Required

- Commercially available EIB components for top-hat rail mounting
- Set of Accessories (Type 2402.1) consisting of connecting leads and plugs

Mechanical Data

The front panel of the EXTENSION BOARD is made of 5 mm thick laminate, matt blue in colour with white engraving. The rear of the Board is protected with a grey plastic cover. Its shape allows the Board to be placed at an ergonomically favourable angle for example on a table.

- Dimensions: 266 x 297 x 110 mm (w x h x d)
- Weight: 1.6 kg



BUS DETECTOR Type 2401.5

- For displaying bus activities with LEDs
- Can be plugged anywhere between two Demonstration Boards
- Power supply via bus



The Bus Detector is used in experiments with the „European Installation Bus“ for displaying activities on the bus and for the bus connection between two Demonstration Boards.

The bus activity can also be traced for example by linear couplers.

The bus connection of two Demonstration Boards is achieved by plugging in the Busdetector; there are four

gold-plated lamella plugs in the housing base for this.

Through these lamella plugs also, the Bus Detector is fed with the required operating voltage which is tapped directly from the bus.

Technical Data

- Operating voltage and current: 29 V / 30 mA (reverse polarity protected)
- 4 lamella plugs:
diameter: 2 mm; spacing: 19 / 9.5 mm
- Housing dimensions: 75 x 56 x 35 mm (w x d x h)
- Weight: approx. 50 g

Mechanical design of the Bus Detector

The Bus Detector housing consists of a top part made of unbreakable transparent plastic and a rugged bottom part made of black glass-fibre reinforced plastic.

The top and bottom parts are connected by two snap catches; this enables quick and easy opening of the housing.

White printing shows the bus route on the front of the housing symbolically.

The LED for displaying the bus activity is also on the front of the housing.

Subject to technical
Modifications.