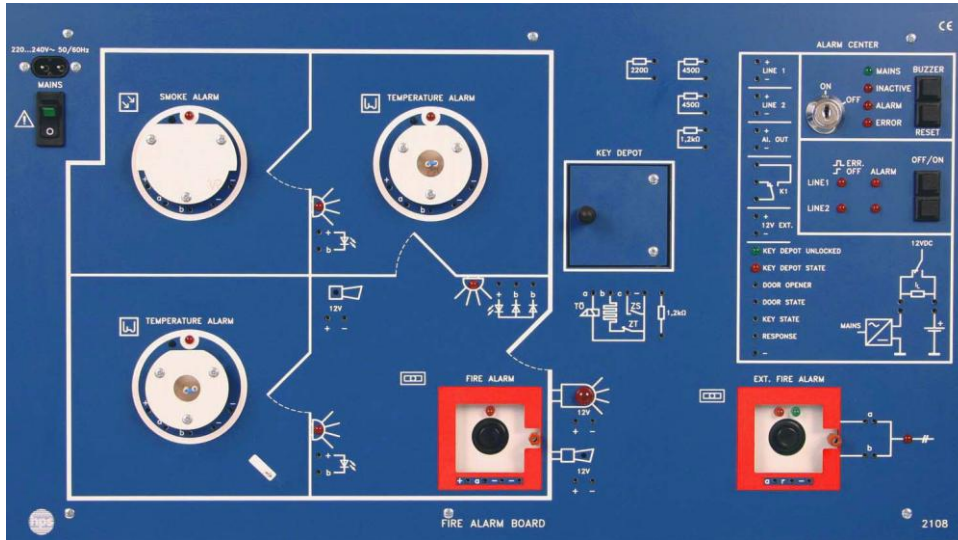


FIRE ALARM BOARD

Type 2108



Front view of the
FIRE ALARM BOARD

- Complete fire alarm system on a single Board
- All single components freely wirable, for step-by-step introduction right up to complete commissioning of the whole system
- With integrated fire alarm centre
- With integrated signalling devices such as acoustic alarm generator, flashing light and alarm relaying by main alarm
- Integrated key depot

Built-in components

2 thermo-differential alarms (infrared)

Smoke alarm

Manual alarm

Main alarm with connection to the fire station

Key depot

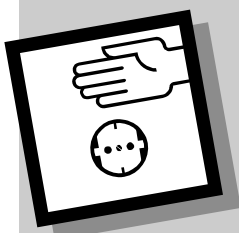
Inside and outside horn

Optical alarm indicators (LEDs)

4 terminating resistors

Fire alarm centre:

- Key-operated switch for locking relaying of fire alarms to the main alarm
- Inputs: LINE1 / LINE 2 / DOOR STATE / KEY STATE / RESPONSE
- Outputs: ALARM OUT / Relay K1 / 12 V EXTERNAL / DOOR OPENER
- Indicators (LEDs): Operation ON, operation OFF / ALARM / ERROR / ERROR OFF, ALARM for LINE 1 and LINE 2 / KEY DEPOT UNLOCKED / KEY DEPOT STATE
- Button: BUZZER OFF / RESET / OFF, ON for LINE 1 and LINE 2
- Simulation: power failure and missing battery



FIRE ALARM BOARD

Type 2108

Accessories Recommended

- Connecting leads (2 mm) and plugs (2 mm)
- English experiment manual, order no. V 0113
- Multimeter

Installation Technology / Monitoring Systems

Technical Data

Mains connection

- Mains voltage: 230 V AC / 115 V AC (110 V AC)
50 ... 60 Hz; approx. 10 VA

Thermo-differential alarm (infrared)

- Operating voltage: 12 V DC

Optical smoke alarm

- Operating voltage: 12 V

Hand alarm

- The glass pane is simulated by a sliding plexiglass door.
- The alarm is indicated by a red LED.
- The alarm is triggered by a pushbutton.
- Operating voltage: 12 V

Main alarm

- The alarm is indicated by a red LED.
- Main alarm at rest, green LED alight
- The alarm is triggered by a pushbutton.
- Alarm to fire station additionally indicated by a red LED
- Operating voltage: 12 V

Alarm centre:

- Voltage output: 12 V DC / 0.2 A

All inputs and outputs are wired by 2 mm jacks.

Mechanical data

- The front panel of the FIRE ALARM BOARD is made of 5 mm thick laminate, matt blue in colour with white engraving representing the built-in function groups.
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.
The FIRE ALARM BOARD can be converted into a portable training unit by simply screwing it into a Box: All the experiments can be conducted directly in the Box. Dust-free storage and protection against transport damages are further advantages of the Box version.

Dimensions and weights

- FIRE ALARM BOARD (Type 2108):
532 x 297 x 120 mm (w x h x d); weight: 3.0 kg
- Box version, consisting of:
FIRE ALARM BOARD (Type 2108) and Box (Type 2107.20):
580 x 450 x 155 mm; total weight: 6.2 kg

Subject to technical modifications.