

ALARM BOARD
Type 2107

Front view of the
ALARM BOARD

- Complete alarm system for buildings on one Board
- All the individual components are freely wirable for step-by-step introduction right up to complete commissioning of the entire system
- With integrated practice-oriented alarm centre
- The entire building simulation with original sensors:
Movement detector, glass breakage detector and reed contact switch with functioning window
- Entrance door with key-operated switch, additionally protected by reed contact
- With integrated signalling devices such as outside light and alarm (optical/acoustic)

Built-in components

PIR movement detector (PIR: Passive Infrared Intrusion), with alarm and sabotage output

2 reed contact switches for windows and doors with one alarm contact and sabotage loop each

Glass breakage alarm

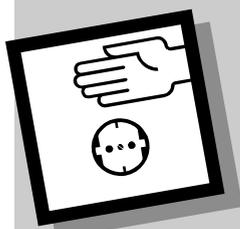
Key-operated switch (door) with external display (LEDs): active/inactive

Outside light

Alarm siren with flashing light

Alarm centre:

- Key-operated switch
- Inputs: LINE 1 / LINE 2 / key-operated switch
- Outputs: Alarm out / relay K1 / power supply / sabotage / LED: active, inactive / 12 V external
- Displays (LEDs): operation / fault / active / internally active / alarm / LINE 1 / LINE 2
- Simulation: power failure and missing battery



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Accessories Recommended

- Set of Accessories (Type 2107.1), consisting of connecting leads (2 mm) and plugs (2 mm)
- Experiment manual: V 0112 - Experiments with a Burglar Alarm System
- 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

PIR movement detector

- Operating voltage: 12 V DC

Glass breakage detector

- Operating voltage: 5 ... 12 V DC / max. 8 mA

Selector (simulation)

- Operating voltage: 12 V DC

Outside light

- Operating voltage: 12 V DC / 1 W

Alarm siren with flashing light

- Operating voltage: 12 V DC

Alarm centre:

- Voltage output: 12 V DC / 0.2 A

All inputs and outputs are wired with 2 mm jacks.

Mechanical data

The front panel of the 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 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

- ALARM BOARD (Type 2107):
532 x 297 x 140 mm (w x h x d); weight: 3.1 kg
- Box version, consisting of:
ALARM BOARD (Type 2107) and Box (Type 2107.20):
580 x 450 x 155 mm; total weight: 6.3 kg

Subject to technical modifications.