

Detector group modules

2 Detector group module BUS-2/BUS-1, f.m.

- Integration of conventional detectors in a BUS-2 or BUS-1 system
- 2 detector group inputs with clear function



2 DG module
BUS-2/BUS-1, f.m.



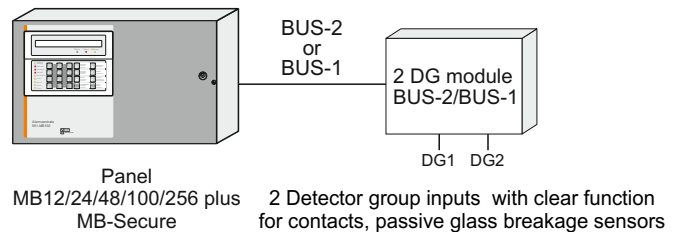
Cover frame with
decorating foil

This modules are intended for extension of a MB-Secure- or MB12/24/48/100/256 plus series intruder panel with control and power supply over BUS.

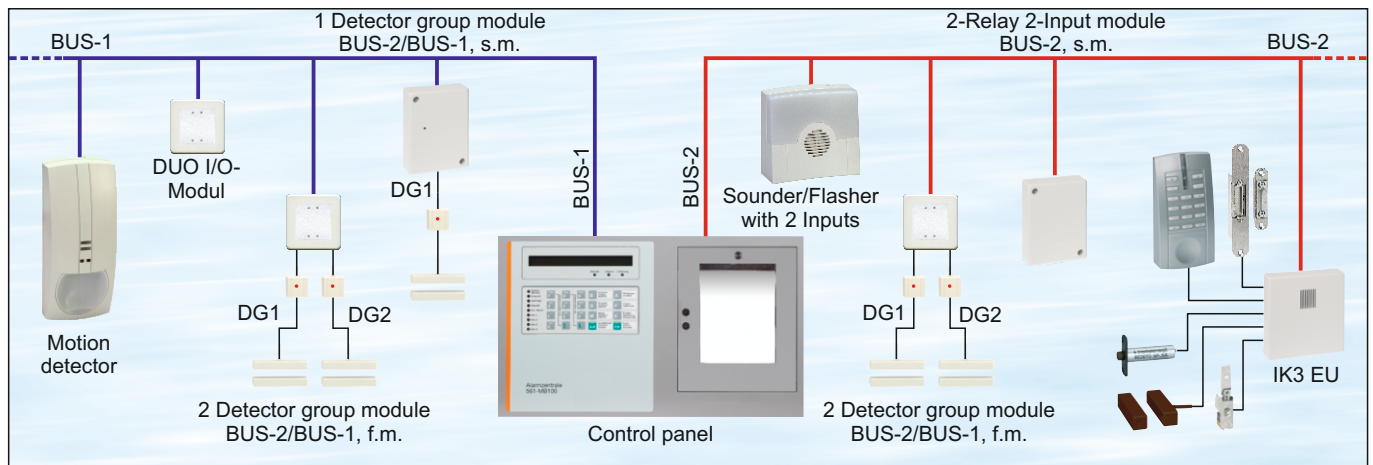
The detector group input with reset function allow detectors with hardwired connection technology to be integrated to the BUS system (e.g. contacts and passive glass breakage sensors).

With the universal BUS interface the module can be operated at every BUS-2 or BUS-1 - compatible panel.

System design



Applikation example



Features

- Operation at BUS-2 or alternatively at BUS-1
- 2 detector group inputs with clear function
Suitable for passive glass breakage sensors and contacts
- No additional current consumption when DGs are cleared
- 2 LEDs as detector group status display or with freely programmable function (depending on the operating mode)
- Simple installation in flush-mounted or cavity wall boxes \varnothing 60 mm (DIN, Austria and Switzerland).
- Operating modes on BUS-1:
 - Operation as detector group module
 - Operation as universal connection module
- Operating modes on BUS-2:
 - Operation as 5-Input Module (compatibility mode)
 - Operation as DUO I/O-Modul
 - LED indication: Alarm indication with FAI function
 - Walk test mode with LED indication
 - EOL resistor: fixed value 12k1 or 10k programmable from 4k to 14k
 - Monitoring range programmable: $\pm 20\%$, $\pm 30\%$ or $\pm 40\%$
 - Firmware update via BUS-2

VdS -approval Class C (IDS).
As per EN 50131-3, grade 2

Technical Data

| | |
|---|--|
| Rated operating voltage | 12 V DC |
| Operating voltage range | 9 V to 15 V DC |
| Current consumption at U _b =12 V DC: | |
| - Detector groups open | ≤ 3.5 mA |
| - Detector groups terminated with 12k1 | ≤ 0.6 mA in addition per detector group |
| - LED indicator | ≤ 1.3 mA in addition per LED |
| - when cleared | no additional current consumption |
| 2 detector group input with clear function: | |
| - Voltage | 8 V DC, stabilized, short-circuit protected |
| - Monitoring range | 12k1 ± 20% (depending on the operating mode the values can be changed) |
| Protection class as per EN 60529 | IP 40 |
| Environmental class as per VdS | II |
| Operating temperature range | -10 °C to +55 °C |
| Storage temperature range | -25 °C to +70 °C |
| Dimensions: | |
| - Mounting dimension (∅ x D) | 58 x 26 mm |
| - Mounting frame (W x H x D) | 70 x 70 x 1 mm |
| - Cover frame (W x H x D) | 80 x 80 x 5 mm |
| Colour | traffic white (similar to RAL 9016) |

Ordering information




010128



Cover frame and
decorating foil



010124.17

| Item no. | Description |
|---------------|--|
| 010128 | 2 Detector group module BUS-2/BUS-1, f.m. incl. cover frame and decorating foil  -approval G109010 As per EN 50131-3, Security grade 2, Environmental Class II |

Accessories

| Item no. | Description |
|------------------|---|
| 010124.17 | Decorating foil (PU = 4 pce. with 4 holes, 1 pce. with 2 holes) |

Honeywell Security Group

Novar GmbH
Johannes-Mauthe-Str. 14 · 72458 Albstadt
Tel. +49(0) 74 31/801-0 · Fax 801-12 20
www.honeywell.com/security/de
info.security.de@honeywell.com

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