

dormakaba extension module

90 30 / 90 31 Universal extensions



Advantages at a glance

- **Versatile using**
with various control devices
- **Increased safety**
Thanks to monitored inputs (90 31) tamper alarms can be generated
- **Easy installation**
Thanks to plug-in modules the number of I/O's is easily expandable

With the extension modules existing installations can be extended without the need for cost-intensive wiring. The extension modules can be used when the control unit requires more binary inputs or relay outputs than are available.

Functionality

Extension is performed by simply plugging the extension modules into the control unit. This means that the number of inputs at the access point can be increased.

Application field

- Extended door control
- Elevator control
- Window monitoring

Specification

- dormakaba extension module 90 31: eight line-monitored inputs (can be deactivated individually), with internal power supply and common ground, for connection of insulated switches, LED status display
- dormakaba extension module 90 30: eight outputs, internal power supply, LED status display

Montage

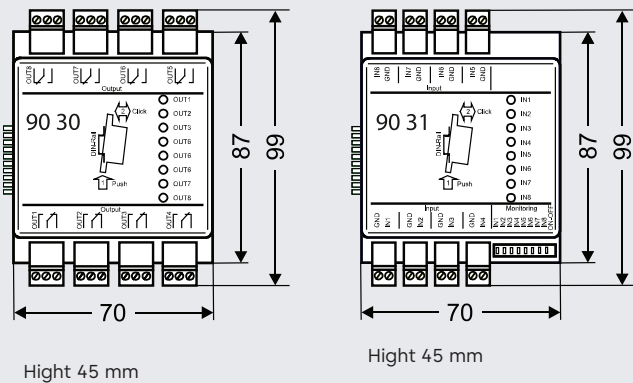
- On DIN rail
- The extension module is plugged into the control unit with plug connector

Compatibility

The extension modules can be used with various control units:

- dormakaba access manager 92 00
- dormakaba remote reader 91 15/91 25

Note: The product's range of available functions depends on the system context in which it is used.



Drawing of the dormakaba extension module 90 30/90 31 (Specification in mm).

Our Sustainability Commitment

dormakaba is committed to foster a sustainable development along our entire value chain.

In order to give quantified disclosures of a product's environmental impact and its ecological footprint, dormakaba provides Environmental Product Declarations (EPDs). Please download the EPD and read more about our sustainability commitment here or use the QR code provided.



Technical specification

Design/material/dimensions

- Housing, ABS black, with printed connection diagram
- All connections are made with screw/plug terminals
- 70 x 99 x 45mm (L x W x H)
4 pitch units of 17.5 mm each, width incl. plug terminals

Interfaces

- 90 30: Changeover contact; max. 2A at 30 VAC/DC
- 90 31: Inputs max. 5VDC, power input max. 200mA

Environmental conditions

- Operating temperature: 0° to +50°C
- Relative humidity: 0 ... 95%, non-condensing
- Protection type: IP 20

Certificates/standards

- EN 55 022, EN 55 024
- EN 60 950
- 2004/108/EGng

Further details and order information can be found in the relevant dormakaba catalogues or system descriptions.

Subject to change without notice.
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Any questions? We will be happy to assist you.