



dormakaba access manager 92 90

Efficiently regulated access

The dormakaba access manager 92 90 meets all the requirements of modern access control as a central access control. Thanks to its intelligent decision logic and free parametrisation, it controls all access events, at simple access points as well as to complex, highly sensitive company areas. Predefined configurations simplify the setting of individual door functions. The state-of-the-art IT security is based on a modern operating system and TLS (Transport Layer Security) encryption that can be activated between controller and host system:

The control electronics integrates all the necessary requirements to enable a connection to Cloud Services via IoT. Therefore, the access manager 92 90 is already designed for the requirements of tomorrow. Switching to other dormakaba access solutions at a later point is also possible.

Installation and commissioning

The dormakaba access manager 92 90 is installed in a secured area to prevent tampering and manipulations. An alarm is automatically triggered on every attempt of manipulation.

The dormakaba access manager 92 90 is suitable for migration in existing infrastructures where a central wiring of the access solution already exists. There, the 92 90 can be simply commissioned and configured via the web interface.

The functionality

Thanks to the local decision logic, the access manager 92 90 facilitates the complete access management to control and monitor doors and personal interlocks. Up to 16 readers can be connected to the access manager 92 90 via the RS-485 sub-bus.

Advantages at a glance

- Central access control for multiple access points and complex tasks
- Robust wall or rack housing, unambiguous connection concept
- Developed for present on-premise access solution as well as future OnDemand (IoT) solutions
- Access via smartphone
Mobile Access is integrated as a basic component
- Migration solutions
Compatibility with predecessor products offers flexible step-by-step migration options
- High security
Installation of access manager in secure interior. TLS encryption between access manager and host system can be activated.
- Latest security standards
The latest security standards are supported by IEEE and IPV6.

Features

Compatibility

The dormakaba access manager 92 90 is compatible with earlier product series and enables the upgrade of existing dormakaba systems. The access manager's range of functions can be expanded while operation is ongoing.

Data security

The automatic restart of the access manager ensures that the access system is immediately available again after a power failure. Data in the local data memory is buffered and can be accessed by the host system following a disruption. Data traffic between the access manager and host system is encrypted and offers the highest level of data security.

Door management

The dormakaba access manager 92 90 manages, controls and monitors up to 16 doors.

Peripherals

The dormakaba access manager 92 90 is installed with the following dormakaba readers:

- dormakaba compact reader 91 04/91 10/91 12
- dormakaba remote reader 91 15/91 25
- dormakaba biometric reader 91 50

An RS-232 interface provides the option of integrating additional external readers.

Inputs/outputs

18 digital inputs and 16 potential-free relay outputs for door contacts, electric strikes and alarm devices. The power supply lines are monitored for short circuit and break.

Alarms

Tampering attempts or break-ins are identified and signalled immediately. Malfunctions are reported to the host system at once.

Options

The CardLink/AoC functionality integrates standalone components into an access control system. Special functions, e.g. for lift control, random rejection or the integration in intruder detection systems, are possible.

Interfaces

Ethernet host interface 10/100 Mbps with DHCP/DNS server functionality for easy installation of the device. RS-485 bus interface for connection of remote and compact readers.

Technical specification

Power supply

Input voltage

- 230 V AC 50 Hz max. 150 VA
- 115V AC 60 Hz max. 150 VA
- 24 V DC max. 100 W

Output voltage

- 2 x 24 V DC max. 40 W
- 1 x 12 V AC max. 20 VA

Interfaces

- Host: Ethernet 10/100 Mbit/s
- Peripherals: 2x RS-485/RS-422

Inputs/outputs

- 16 potential-free relays, 30 V AC/48 V DC; max. 1 A
- 18 galvanically isolated digital inputs

Environment

- Temperature range: 0°C to +40°C
- Relative humidity: 5% to 85%, non-condensing
- Class of protection as per BS EN 60529: IP20

Dimensions:

(Width x Height x Depth)

- Wall 302 x 400 x 125 mm
- Wall XL 302 x 400 x 225 mm
- Rack 482 x 88.4 x 430 mm (2HE)

Weight

- Wall 9,58 kg
- Wall XL 11 kg
- Rack 9.6 kg

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

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Subject to change without notice.

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Our Sustainability Commitment

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations.

Sustainability at product level is an important, future-oriented approach in the field of construction. In order to give quantified disclosures of a product's environmental impacts through its entire life cycle, dormakaba provides Environmental Product Declarations (EPDs), in which the results of the life cycle assessment (LCA) are presented. The full EPD is available for download at <https://www.dormakaba.com/en/sustainability>.



Any questions? We would be happy to answer any questions you may have.