



## 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.

# 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

After a power failure, the automatic restart of the access manager guarantees that the access system is immediately back into operation. The data is buffered in a local memory and can be requested from the host system without any data loss after a failure. The data traffic between the access manager and the host system is encrypted and provides extreme data security.

## Door management

The dormakaba access manager 92 90 manages, controls and monitors up to 16 doors. Typical door variants and configurations are predefined and can be flexibly adjusted.

## 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 functions of the inputs/outputs can be freely configured. 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. Reader connections via screw/plug-in terminals or RJ45 plug (only rack version).

Note: The effectively available scope of functions and quantity structure of the product depends on the system context in which it is used and if the 9290-K5 or 9290-K7 version is used.

## 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 300 x 410 x 120 mm
- Wall XL 300 x 600 x 155 mm
- Rack 482 x 88,4 x 430 mm (2HE)

### Weight

- Wall 8.6 kg
- Wall XL 13.2 kg
- Rack 9.8 kg

### Certifications



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 would be happy to answer any questions you may have.**