



## dormakaba access manager 92 00

### State-of-the-art access solution

The dormakaba access manager 92 00 fulfils all the requirements of modern security systems. With its intelligent decision logic and ability to be freely parametrised, this efficient access control unit can control simple types of access points as well as more complex entrances to highly sensitive areas.

Based on the latest operating system and TLS (Transport Layer Security) encryption between the controller and host system, the IT security is state-of-the-art. With integrated mobile access, the access system allows access via smartphone. The control electronics integrate everything that is required to enable a connection to cloud services via IoT. In other words, the access manager 92 00 is already designed to meet tomorrow's demands. It is also possible to switch to other dormakaba access solutions at a later date.

### Functionality

Using the local decision logic, the access manager 92 00 makes it possible to control and monitor all access management tasks on doors and interlocks. Up to two registration units can be connected directly to the access manager 92 00 and further access readers via the RS-485 sub-bus.

### Installation and commissioning

With its flexible and extendable design, the dormakaba access manager 92 00 offers a wide range of installation options. It can be installed locally as an individual device near an access point, in switch cabinets or centrally with extended input/output modules. The 92 00 is easily commissioned and configured via a web interface.

### Your advantages at a glance

#### Can be extended

The number of I/Os can be extended with pluggable extension modules as required

#### Autonomous

Operates autonomously using its own decision logic and local data storage

#### Flexible use

For access control, door monitoring and activation of alarm systems

#### Investment protection

Developed for today's on-premise access solutions as well as future on-demand (IoT) solutions

#### Smartphone access

Mobile access integrated as standard

#### Migration solutions

Compatibility with predecessor products offers flexible step-by-step migration options

#### Highly secure

Installation of the access manager in secure indoor areas; TLS encryption between access manager and host system can be activated

# Features

## Door management

The dormakaba access manager 92 00 manages, controls and monitors up to 16 doors. Typical door variants and configurations are pre-defined and can be adapted flexibly.

## Alarm management

Tampering and burglary attempts are reliably identified and signalled immediately. Digital inputs and relay outputs, which can be extended as required, are available for control and monitoring functions at access points. The inputs are monitored for interruptions and short circuits.

## 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.

## Peripherals

The dormakaba access manager 92 00 is used with the following dormakaba readers:

- dormakaba compact readers 91 04/91 10/91 12
- dormakaba remote readers 91 15/91 25
- dormakaba registration units 90 00/90 01/90 02/90 03/90 04

Two registration units can be connected directly to the access manager. Two RS-232 interfaces offer the opportunity to integrate additional third-party readers.

## I/Os

4 monitored digital inputs and 3 relay outputs.

Can be extended with an

- Extension modules 90 30 or
- Extension modules 90 31.

## Options

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

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

## Technical data

### Power supply

- 10 – 34 V DC
- Power consumption: type 3.6 W (plus power consumed by the connected extension modules)

### Digital IOs

- 4 digital, monitored inputs for floating contacts (max. 5 V DC)
- 3 relay outputs, contact rating (30 V AC/DC; max. 2 A)
- Bus interface for additional I/O modules

### Supported RFID technologies

- LEGIC (advant & prime)
- MIFARE (DESFire & Classic)

### Environment

- Ambient temperature: -0°C to +50°C
- Relative humidity: 5% to 85%, non-condensing
- Protection type in accordance with IEC 60529: IP20

### Housing and installation

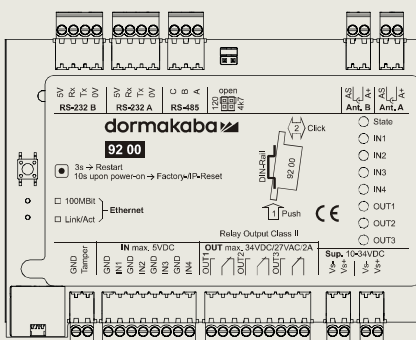
- Mounting on DIN rail TS-35 (EN 50022)
- Colour: black (RAL 9005)

### Dimensions

#### (width x height x depth)

- 125 x 99 x 45 mm

For further details of the functions, see the technical manuals. See the price catalogue for order details and options.



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# System overview

Functional typ	exos	ERP / B-COMM	MATRIX PRO	MATRIX ONE
<b>Readers</b>				
Total number of registration units	2	2	2	2
Total number of readers	15	15	15	15
<b>Interfaces</b>				
Ethernet 10/100 Mbps with DNS/DHCP server	√	√	√	√
RS-485 Bus	√	√	√	√
RS-232 for peripheral components	2	-	-	-
Connections for registration units	2	2	2	2
Tamper switch for floating contact (5 V DC)	1	1	1	1
<b>Capacity</b>				
Card holders	200,000	50,000	50,000	2,000
Event logs	20,000	100,000	300,000	300,000
<b>Functions</b>				
AoC (Access on Card)	-	-	√	√
CardLink	√	√	-	-
Data encryption (Host communication)	√	√	√	√
AVISO	-	√	-	-
TM-Basic	-	-	√	√
<b>Certifications</b>				
UL 294 approval	√	√	√	√
CE	√	√	√	√
FCC	√	√	√	√
UL 60950	√	√	√	√
ROHS	√	√	√	√



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