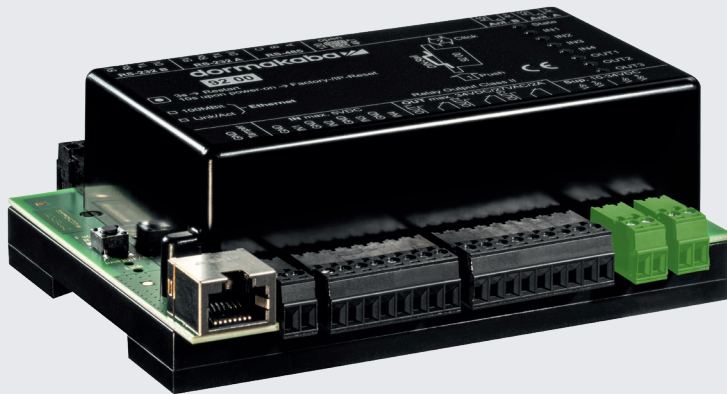


dormakaba access manager 92 00



Mobile Access



CardLink



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

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.

Door management

The dormakaba access manager 92 00 manages, controls and monitors up to 16 doors.

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.

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.

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

Power supply

- 10 – 34 V DC
- Power consumption: type 3.6 W (plus power consumed by the conneted 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.

Subject to change without notice.

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Any questions? We will be happy to assist you.

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System overview

Readers

Functional type	exos	ERP / B-COMM	MATRIX PRO	MATRIX ONE
Total number of readers	15	16	15	15

Interfaces

Functional type	exos	ERP / B-COMM	MATRIX PRO	MATRIX ONE
Ethernet 10/100 Mbps with DNS/DHCP server	√	√	√	√
RS-485 Bus	√	√	√	√
RS-232 for peripheral components	1	1	1	1
Tamper switch for floating contact (5 V DC)	√	√	√	√

Capacity

Functional type	exos	ERP / B-COMM	MATRIX PRO	MATRIX ONE
Card holders	200,000	120,000	50,000	2,000
Event logs	20,000	60,000	300,000	300,000

Functions

Functional type	exos	ERP / B-COMM	MATRIX PRO	MATRIX ONE
AoC (Access on Card)	-	-	√	√
CardLink	√	√	-	-
Data encryption (Host communication)	√	√	√	√
AVISO	-	√	-	-
TM-Basic	-	-	√	√

Certifications

Functional type	exos	ERP / B-COMM	MATRIX PRO	MATRIX ONE
UL 294 approval	√	√	√	√
CE	√	√	√	√
FCC	√	√	√	√
UL 60950	√	√	√	√
ROHS	√	√	√	√