dormakaba access manager 92 90
Intelligent and autonomous

Efficiently controlled access

The dormakaba access manager 92 90 takes on all relevant tasks for effective centralised access control. Thanks to its intelligent decision logic and ability to be freely parametrised, the access manager can control all types of access, no matter how simple or complex (e.g. highly sensitive areas). Pre-defined configurations simplify the set-up of individual door functions.

Commissioning and Operation

Commissioning, software upgrades and updates for dormakaba access manager 92 90 are carried out via the integrated web server. Operation is straightforward and convenient through any internet browser.

Flexibility

All registration units, remote and compact readers from the current dormakaba portfolio can be connected as access readers. The dormakaba biometric reader 91 50, with its identification and verification functions, is used for biometric applications.

Installation

The dormakaba access manager 92 90 is CardLink-compatible and is therefore able to integrate standalone offline components into online systems.
The dormakaba access manager 92 90 is installed in a secure internal environment in order to prevent tampering and manipulation. Each time manipulation is attempted, an alarm is set off automatically.

Advantages at a glance

- Centralised access manager for multiple access points and complex tasks

- Robust wall or rack housing with unmistakable connection design

- Connection of up to 16 readers

- Consideration of individual customer demands (AVISO) and flexible options for extension

- Quick commissioning and easy configuration via internet browser

Features

Protection of investment
High-quality components, a long product life cycle and being part of a customised complete solution ensures a high level of investment protection.

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.

Operating states
The dormakaba access manager 92 90 supports the operating states online/fast online and offline. In offline mode, the access manager decides whether to authorise access using the stored staff master records. In online mode, the parent host system decides whether to authorise access. Fast online operation enables a faster access decision to be made. The access manager initially makes decisions in offline mode. Only when there are missing decision criteria will an online check and data reconciliation with the parent host system be performed.

Door management
A wide range of pre-defined door and interlocking door designs with time and passage monitoring can be configured.

Inputs/outputs
18 digital inputs and 16 insulated relay outputs for door contacts, electric strikes and alarm transmitters. The input/output functions are freely configurable. Supply lines are monitored for short circuits and interruptions.

Alarms
Tampering attempts or break-ins are immediately identified and signalled. Incidents are immediately reported to the host system.

Software options
CardLink functionality enables the integration of standalone components within an access control system. Special functions, e.g. for lift control, random spot-checks integration into intrusion detection systems, are made possible with AVISO (interpreter language). Increased data security during transfer is ensured by the Data Encryption option.

Interfaces
Ethernet host interface 10/100 Mbps with DHCP/DNS server functionality for straightforward device installation. RS-485 bus interface (Partyline) for the connection of remote and compact readers. Reader connections via screw/plug terminal blocks or RJ45 connectors (rack version only).

Note: The product›s range of available functions depends on the system context in which it 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: RS-485/RS-422

Inputs/outputs
- 16 insulated 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
- Protection type in accordance with IEC 60529:IP20

Dimensions:
(Width x Height x Depth)
- Wall 300 x 410 x 120 mm
- Wall XL 300 x 600 x 155 mm
- Rack 184 x 90 x 430 mm

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.

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