



STREFA

Access Control System



Access Control System

Description of the system

Access Control System enables to protect both physical assets of enterprises and the control over employees' time of work.

The system includes: cards reader, a central panel controlling input/output buttons and door locking mechanisms (electric latches, electromagnetic bars, door opening sensors, barriers control). The solution does not require additional intermediate elements, such as expanders, repeaters or converters, so the cost and time of implementation is competitive in comparison to other solutions available on the market.

The system has its own reporting and analysis mechanisms, which can be directed to the supervisory systems, e.g. OpenEye Centrum produced by WASKO S.A.

Functionality

- ✓ Central managing of access privileges to premises and rooms
- ✓ Informing about current whereabouts of employees and guests
- ✓ Defining work timetables, including partial work timetables
- ✓ Printing work cards
- ✓ Generating reports and work time summaries
- ✓ Reporting potential dangers

Advantages

- ✓ One or two-sided control
- ✓ Possible indoor and outdoor usage of readers
- ✓ Guaranteed power supply - internal battery with an autonomous charging control unit
- ✓ Possible integration with existing solutions



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Technical parameters of a central panel

- ✓ Voltage: 230 VAC
- ✓ Communication: Interface ETH 10/100 Mbit/s
- ✓ Capacity of cards storage: 50 000 records
- ✓ Capacity of events logs: 20 000 records for a central panel and 20 000 records for each of 4 transition controllers
- ✓ Capacity of timetable storage: 10 000 unique access timetables, including service for time windows
- ✓ Access verification: local, remote/local, remote (with an anti-pass back function)
- ✓ Casing: safe standard steel box for electrical installations, with a key
- ✓ Operating temperature: from -20oC do +50oC

Technical parameters of a reader

- ✓ Voltage: 12 VDC nominal
- ✓ Handling proximity cards: MIFARE® in a standard ISO/IEC 14443A
- ✓ Proximity card reading range: up to 7 cm, depending on the type of transponder
- ✓ Frequency of readers' operation: 13,56 MHz
- ✓ Communication: RS-485 or WIEGAND 130-bit (AQBA TRACK II)
- ✓ Signaling: piezoceramic acoustic sounder, LED indicator
Casing: ABS thermoplastic material
- ✓ Ingress protection: IP 65
- ✓ Operating temperature: from -20oC do +50oC
- ✓ Ambient relative humidity: max. 100% (acceptable condensation)



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 Construction

