



SIPORT

ID - card reader

Mifare cards (proximity 13,56 MHz)

AR6182-MS

The AR6181-MS and AR6182-MS proximity readers in a Square housing are part of the new SIPORT access reader range.

The readers are intended for Access Control applications using standard Mifare proximity cards (13,56 MHz technology).

The readers AR6181-MS or AR6182-MS, with keypad, can be connected to the CC30xx for CerPass systems or DC2000 / K24 for SIPORT NT Access systems.



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IF Design Award Winner 2001

AR6181-MS ID – Card Reader (13,56 MHz)



- Transmission frequency 13,56 MHz
- Reads the unique serial number of standard Mifare proximity ID-cards
- Reads the personalised ID-number (information within a sector / block) of Mifare ID-cards
- Up to 4 cm read range, depending on mounting environment
- DIP-switch for functionality selection
- Flash-Memory for Firmware updates
- Three LEDs, yellow, red and green, for status display and buzzer for audible signals
- ID-card reader can be connected to the CC30xx, DC2000 and K24 door controllers
- Data transmission to door controller CC30xx / DC2000 / K24 using 2-wire RS485 partyline
- Selectable CerPass reader-protocol (reader address 1 to 16) or UCI-reader-protocol (reader address 1 to 4)
- Reader power from the power supply of the door controller
- "Touch and Go" operation

AR6182-MS ID – Card Reader with keypad (13,56 MHz)



- see card reader AR6181-MS
with additional keypad for PIN-code entry
- Keypad, 12 keys: 10 keys 0 – 9, C- and E-key
- CC30xx:
 - Keypad operation before card (card follows PIN)
 - or
 - keypad operation after card (PIN follows card)
- DC2000 (CerPass reader protocol):
 - Keypad operation before card (card follows PIN)Note: Keypad operates only with DC2000 Firmware-version above 2.0 !
- DC2000 / K24 (UCI reader protocol):
 - Keypad operation before card (card follows PIN)

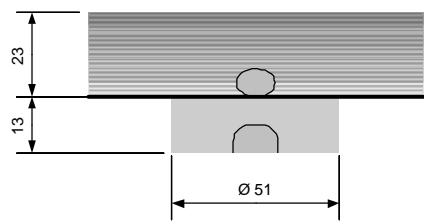
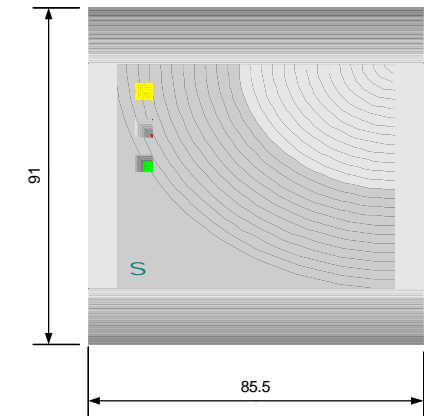
Installation

Installation possible without or with distance frame (installation accessories are included with the reader). Can also be installed in standard recess boxes DIN 49073 (perforate distance 60 mm).

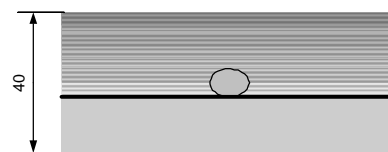
Connection to door control unit CC30xx / DC2000 / K24 via RS485 2-wire partyline.

Dimensions (mm)

AR6181-MS

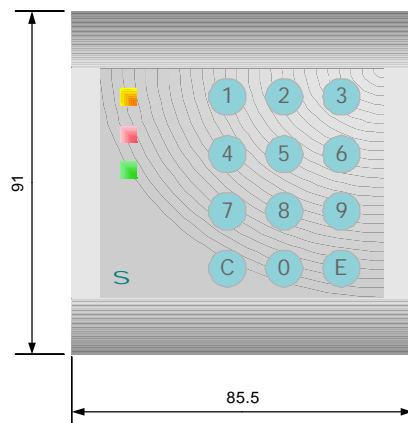


Flush mounting



Surface mounting with distance frame

AR6182-MS



| Technical features | AR6181-MS | AR6182-MS |
|-----------------------|--|--------------------------|
| Power supply | 12 - 24 V DC (9 – 30 V DC) | |
| Current consumption | approx. 120 mA | |
| Conforming | to VDE 0830 i.e. separate door control unit with power supply, detached from the reader terminal | |
| Operating temperature | -25 to +60 °C | |
| Keypad | No | Yes, > 50.000 operations |
| Colour | similar RAL 9006 | |
| Protection class | IP65 | |
| Standards | EN 60950, EN 300330, EN 300683 | |
| Connectivity | DC2000 or K24 door controller (UCI protocol) CC30xx door controller (CerPass reader protocol) | |
| Dimensions | 85 x 91 x 23(40) (w x h x d) mm (distance frame) | |
| Material | PC / ABC plastic (injection moulding), painted | |

Order number

| Type | Order-No. | Description | Net weight (approx.) |
|-----------|--------------------|---|----------------------|
| AR6181-MS | 6FL7170-8AH | AR6181-MS - Identification card reader for Mifare cards | 0.15kg |
| AR6182-MS | 6FL7170-8AJ | AR6181-RX - Identification card reader with keypad for Mifare cards | 0.15kg |
| | 6FL7195-3VU02-1DN0 | ID-card Mifare, white, blank, not personalised | |

Address

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Information

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 Subject to change