



AR6381-MS, AR6382-MS

Access Control

Card reader

to read Mifare® cards

- 13,56 MHz proximity reader technology
- RS-485 interface with CerPass / UCI reader protocol
- Clock/Data interface with Omron reader protocol
- Connection to different access control systems

The AR6381-MS and AR6382-MS proximity readers in Mullion housing are part of the new Access reader range.

The readers are designed for Access Control applications using standard Mifare® cards (13,56 MHz technology), to read the unique card number or the personalised ID-number within sector/block of Mifare® cards.

The AR6381-MS and AR6382-MS (keypad version) reader can be connected to the door controller or the Reader Interface Module RIM to allow the operation with the access control systems **CerPass**, **SiPass** or **SIPORT**.



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IF Design Award Winner 2001



AR6381-MS 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 environment¹
- DIP-switch for functionality selection
- Flash-Memory for Firmware updates
- Three LED's, yellow, red and green, for status display and buzzer for audible signals
- ID-card reader can be connected to the Access Control System **CerPass**, **SiPass** and **SIPORT**
- Data transmission using 2-wire RS-485 partyline
- CerPass reader protocol (Reader address 1 to 8)
- UCI reader protocol (Reader address 1 to 4)
- Reader power from the power supply of the door controller
- "Touch and Go" operation



AR6382-MS Card Reader with keypad (13,56 MHz)

- as per card reader AR6381-MS
- with additional keypad for PIN-code entry
- Keypad, 12 keys: 10 keys 0 – 9, C- and E-key
- CC30xx / DRI:
 - Keypad operation before card (card follows PIN)
 - or**
 - keypad operation after card (PIN follows card)
- DC2000 / AC4000:
 - Keypad operation before card (card follows PIN)

¹ Depending of the used Transponders (Size, Assembly) a decrease of the reader's range is possible.

Compatibility

By use of the reader interface RS-485 with CerPass reader protocol.

	CerPass CC30xx	SiPass DRI	SIPORT		
			DC2000	AC4000	K24
AR6381-MS AR6382-MS	✓	✓	✓ ²	✓	-

By use of the reader interface RS-485 with UCI reader protocol.

	CerPass CC30xx	SiPass DRI	SIPORT		
			DC2000	AC4000	K24
AR6381-MS AR6382-MS	-	-	✓ ²	✓	✓

By use of the reader interface Clock/Data with Omron reader protocol.

Important: By using the Clock/Data reader interface the keypad is not supported.

	CerPass CC30xx	SiPass DRI	SIPORT		
			DC2000	AC4000	K24
AR6381-MS AR6382-MS	✓ ³	✓	✓ ⁴	✓ ⁴	✓ ⁴

Installation

Recommended for wall installation on even surface. For installation and connection please follow the instructions of the operating manual.

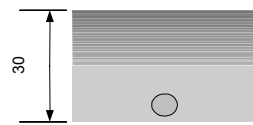
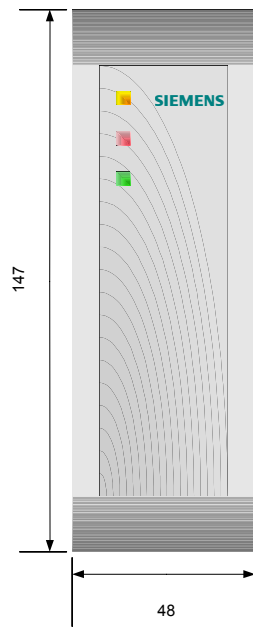
² Keypad operates only with DC2000 Firmware-version above 2.0 !

³ Connection only via DCU3 door module (GBQ:524612) possible

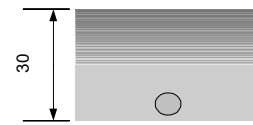
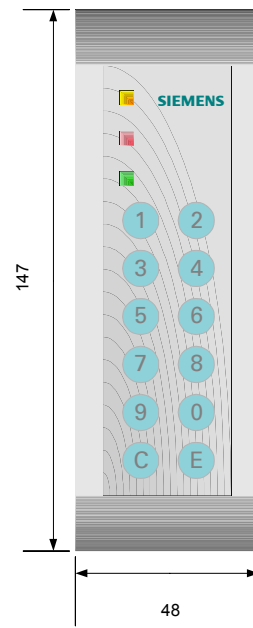
⁴ Connection only via UCI-Box (6FL7100-8HL) possible

Dimensions (in mm)

AR6381-MS
AR6382-MS




Installation on wall



Installation on wall

Technical data

Power supply	9 V DC (7 – 12,25 V DC)
Current consumption	approx. 100 mA
Interfaces	
RS-485	CerPass reader protocol
Clock/Data	Omron reader protocol
Operating temperature	-20 to +70 °C
Keypad	
AR6381-MS	no
AR6382-MS	yes, > 1.000.000 operations
Protection class	IP65
Standards	
Conforming	to VDE 0830 i.e. separate door control unit with power supply, detached from the reader terminal
Dimensions in mm (h x w x d)	147 x 48 x 30
Colour	similar RAL9006, white aluminium
Material	PC / ABS plastic (injection moulding), varnish

Details for ordering

Type	Part no	Designation	Weight
AR6381-MS	6FL7171-8AK	AR6381-MS – Identification card reader for Mifare cards	0.20kg
AR6382-MS	6FL7171-8AL	AR6382-MS – Identification card reader with keypad for Mifare cards	0.20kg
	6FL7195-3VU02-1DN0	ID-card Mifare, white, blank, not personalised	

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