SIEMENS

AR6331-CP, AR6332-CP

Access Control

Card reader

to read CerPass cards

- **125 kHz proximity reader technology**
- **RS-485 interface with CerPass reader protocol**
- **Connection to SiPass, CerPass or SIPORT**

The AR6331-CP and AR6332-CP proximity readers in Mullion housing are part of the new Access reader range.

The readers are designed for Access Control applications using standard CerPass proximity cards (125 kHz technology), to read the unique card number.

The AR6331-CP and AR6332-CP (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 **SiPass, CerPass** or **SIPORT**.

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IF Design Award Winner 2001

Fire & Security Products

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Features

AR6331-CP Card Reader (125 kHz)

- Transmission frequency 125 kHz
- Reads the unique serial number of standard CerPass cards
- Up to 7 cm read range, depending on mounting environment[1]
- Single multicolor LED for status display and buzzer for audible signals
- ID-card reader can be connected to the Access Control System **SiPass, CerPass** and **SIPORT**
- Data transmission using 2-wire RS-485 partyline
- CerPass reader protocol (Reader address 1 to 8)
- Reader power from the power supply of the door controller
- "Touch and Go" operation

AR6332-CP Card Reader with keypad (125 kHz)

- See card reader AR6331-CP
- 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)

Compatibility

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

	CerPass	**SiPass**	**SIPORT**		
	CC30xx	DRI	DC2000	AC4000	K24
AR6331-CP **AR6332-CP**	✓	✓	✓[2]	✓	-

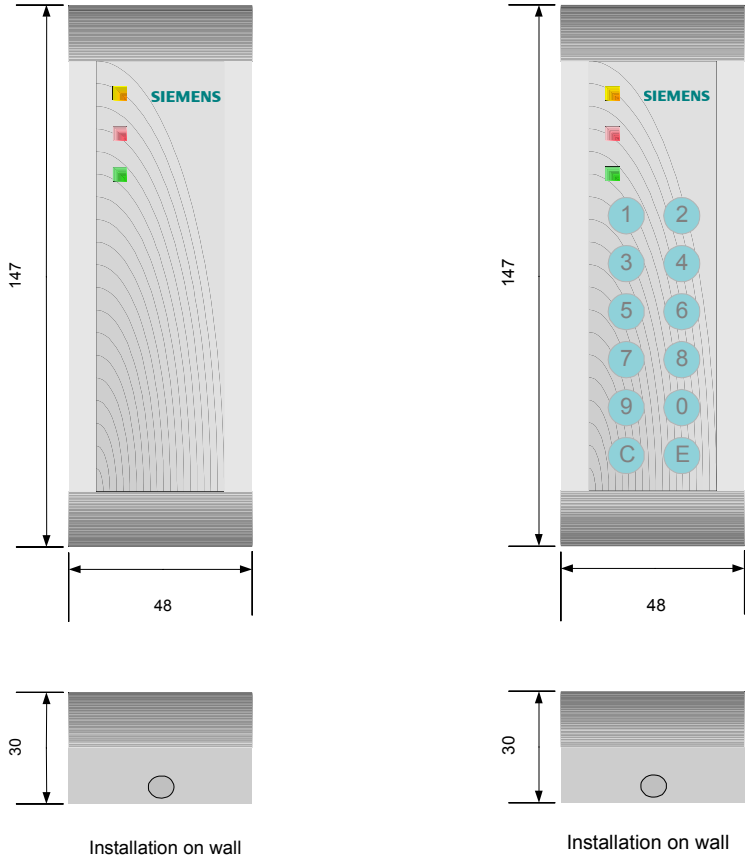
[1] Depending of the used Transponders (Size, Assembly) a decrease of the reader's range is possible.
[2] Keypad operates only with DC2000 Firmware-version above 2.0 !

Installation

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

Dimensions (in mm)

AR6331-CP
AR6332-CP



Installation on wall

Installation on wall

Technical data

Power supply	12 V DC
Current consumption	Approx. 80 mA
Interfaces	
RS-485	CerPass-reader protocol
Operating temperature	-10 bis +55 ºC
Keypad	
AR6331-CP	no
AR6332-CP	yes, > 1.000.000 operations
Protection class	
IP54	with gasket on the back side
IP65	with gasket on the back side and gasket for the safety screw
Standards	CE
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
AR6331-CP	6FL7171-8AD	AR6331-CP - Identification card reader for DZ3022	0,20 kg
AR6332-CP	6FL7171-8AE	AR6332-CP - Identification card reader with keypad for DZ3022	0,20 kg
	GBQ:507024	DZ3022 Proximity Ausweiskarte weiß, blank	

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