



AR6331-LE, AR6332-LE

Access Control

Card reader

to read Legic® cards

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

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

The readers are designed for Access Control applications using Legic® proximity cards (13,56 MHz technology), to read the unique card number or the personalized data of segmented cards.

The AR6331-LE and AR6332-LE (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 **SIPOINT**.



Industrie Forum Design, Hannover
IF Design Award Winner 2001

Features



AR6331-LE Card Reader (13,56 MHz)

- Transmission frequency 13,56 MHz
- Reads the unique serial number of Legic® proximity ID-cards (Default setting)
- Reads personalised information out of a personalised segmented Legic® card. Set up parameters – segment number, LGH (Legic Group Header), format - has to be changed via the serial interface of the reader module.
- Initialisation of the card reader by means of SAM card
- Up to 4 cm reading range, depending on mounting environment¹
- Three single LED's 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)
- Reader power from the power supply of the door controller
- "Touch and Go" operation



AR6332-LE Card Reader with keypad (13,56 MHz)

- See card reader AR6331-LE
- 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-LE	✓	✓	✓ ²	✓	-
AR6332-LE					

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

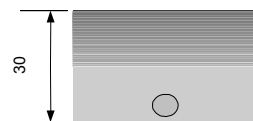
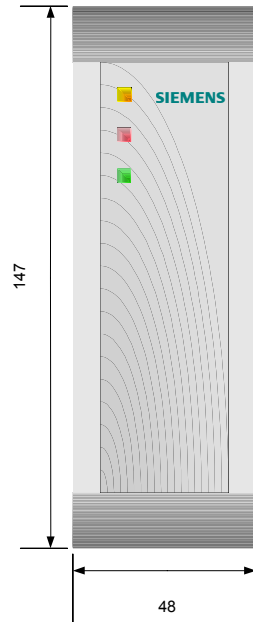
² Keypad operates only with DC2000 Firmware-version above 2.0 !

Installation

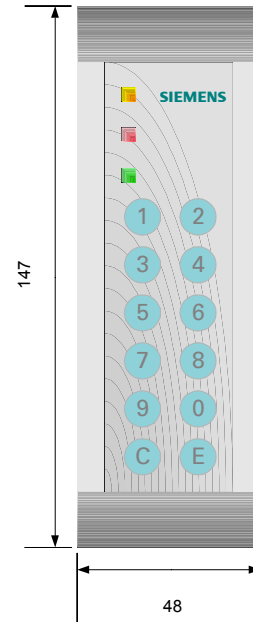
Recommended for wall installation on even surface. For installation and connection please follow the instructions of the operating manual.

Dimensions (in mm)

AR6331-LE
AR6332-LE



Installation on wall



Installation on wall

Technical data

Power supply	12 V DC (9 – 15 V DC)
Current consumption	Approx. 80 mA
Interfaces	
RS-485	CerPass-reader protocol
Operating temperature	-10 bis +65 °C
Keypad	
AR6331-LE	no
AR6332-LE	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	
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-LE	6FL7171-8AM	AR6331-LE - Identification card reader for Legic® proximity cards	0.20 kg
AR6332-LE	6FL7171-8AN	AR6332-LE - Identification card reader with keypad for Legic® proximity cards	0.20 kg

Issued by
Siemens Gebäudesicherheit GmbH & Co. oHG
D-76187 Karlsruhe

www.sibt.de

© 2003 Copyright by
Siemens Building Technologies AG
Data and design subject to change without notice.
Supply subject to availability.
Printed in the Federal Republic of Germany
on environment-friendly chlorine-free paper.

Document no. **A24205-A335-B070**
Edition 09.2003