SIEMENS

AKS3110

Single Door Kit

● **Single Door Kit for proximity badges**
● **Configurable via parameterisation badges or proximity programming device**
● **PC or network connection is not necessary**

The Single Door Kit AKS3110 is an integrated access control system for a single door and up to 500 badges. The kit consists of a single door reader, four programming badges as well as ten proximity tags.

The AKS3110 is controller and reader in one device. For operation, it only needs a stabilised power supply and a door latch. It can also operate in two different operation modes (day and night).

The configuration will be done using different programming cards or an optional proximity programming device.

«SiPass standalone» convinces by its simple installation and handling and is consequently a ideal solution for controlling a single door.

Fire & Security Products

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Features

- Reader and controller in one unit
- Standalone system, no networking necessary
- Easy configuration using programming cards
- Lost cards can be deleted by an optional proximity programming device
- Two operation modes (day and night)
- Tamper monitoring
- Functional display through coloured LEDs
- Acoustic signalising through a buzzer
- Proximity reader technology
- Simple and quick installation

Description

The Single Door Kit AKS3110 is a complete kit coming with one Single Door Reader, four programming cards and user proximity tags.

The AKS3110 is reader and controller in one. It is used to provide access control for one door and can manage up to 500 badges.

Access is granted by using an proximity card, exit through the door handle. In the night mode ("night lock"), only "special" user badges can gain access. The night mode can be activated with a specially authorised card, by using an external autotimer or with a key switch.

"Tamper" and "Night mode" are available as digital outputs.

To add or delete cards the programming cards or the optional proximity programming device can be used. A special function of the Programming device is the possibility to delete lost cards in the AKS3110. Therewith it is ensured, that lost cards will not be used by unauthorized persons.

Extensibility

Expandability and extension of a system is a very important aspect, even for Access Control Systems. The SiPass product family offers a constant upgrade possibility. The upgrade from «SiPass standalone» to «SiPass networked» and «SiPass integrated» is easy and uncomplicated.

For this purpose the Single Door Reader can be switched to bus mode by using the programming device. Then the reader will be connected via a RS485 interface to e.g. the Dual Reader Controller of «SiPass networked». In this case the Single Door Reader acts exclusively as a card reader and the control of the door will be managed by the Dual Reader Controller.

Operating voltage	5 to 15VDC
Current consumption (without door latch)	20..50mA
Read principle	proximity (passive)
Read distance	ca. 5cm
Card technology	125kHz
Memory (operates standalone)	500 badges
Buzzer	Read badge / Read Master / Error
Bus operation	RS485 with SiPass reader protocol
➔ Cable length	max. 1000m
➔ Cable type	2 x 2-wire drilled cable shield recommended
Relay output (only standalone)	
➔ Door latch relay	Potential free, max. 1A / 30VDC
Input (only standalone)	
➔ Night mode (switch clock or key switch)	NO
Alarm outputs (only standalone)	
➔ Night operation	open collector, active low, max. 50mA / 24 VDC
➔ Tamper	open collector, active low, max. 50mA / 24 VDC Note: In bus operation sabotage is determined via RS485
Cable (finished)	AWG26 (0,4 :) dark grey, cord 14 cores, 3m
Environmental conditions	
➔ Operating temperature	–15º to +50 ºC
➔ Storage temperature	–40º to +90 ºC
➔ Humidity	max. 85%
➔ Protection class (IEC529)	IP 65
Housing	
➔ Dimensions	68mm x 41mm x 15mm
➔ Colour	Black

Scope of supply

➜ Single door reader ACS3110
➜ 4 programming cards (Master, Add, Delete, Night mode)
➜ 10 key tags
➜ User manual

Details for ordering

Type	Part no	Designation	Weight
AKS3110	6FL7048-8CB10	Single Door Kit	0,4 kg

Options

Type	Part no	Designation	Weight
AAP3110	GBQ:506517	Programming device for ACS3110	0,15 kg
ACS3110	GBQ:506504	Single Door Reader ACS3110	0,28 kg
ABR5100-PR	6FL7820-8KA10	Printed SiPass Card x 10 pc.	
ABR5100-BL	6FL7820-8KA20	Printable SiPass Card x 10 pc.	
ABR5100-TG	6FL7820-8KA30	SiPass Tag x 10 pc.	