SIEMENS

6340

HOTEL SOLUTION™

Chipcard encoder HCW3.2

Chipcard encoder/reader with LCD panel

- **Programming of access code on chipcard**
- **Reading of access code from chipcard**
- **HOTEL SOLUTION database control**
- **Text instructions on 2-line LCD panel for user guidance**

Application

The HCW3.2 chipcard encoder is used in conjunction with the HOTEL SOLUTION software and the HOTEL SOLUTION database, to program the chipcards (hotel room keys) at the hotel reception. The HCW3.2 chipcard encoder is a desktop unit operated with the HOTEL SOLUTION software via a serial interface (TCP/IP prepared).
It can also read pre-programmed chipcards and assign cards to rooms and guests.

Functions

The HCW3.2 chipcard encoder reads and writes ISO 7816 compatible chipcards with a security store chip by type SLE4442/SLE5542.
Furthermore, a defined Siemens security code is required to use the chipcards. Other cards are not accepted and are deactivated after three attempts.
Insert the card into the lit slot to write.
Chipcards can be created for the room of a specific guest, or for access to a group of rooms for hotel staff. Information and instructions, displayed on the LCD panel, guide the user through the programming procedure.

Types

	HCW3.2	**Chipcard encoder**
Accessories	**SLE5542**	**Chipcard**
	SLE4442	**Chipcard**

Ordering

When ordering, please specify quantity, product name and type code:

Example **4 Chipcard encoders HCW3.2**

Compatibility

The card encoder must be connected to a PC serial port that is used to operate the HOTEL SOLUTION database software.

Design

Shipment

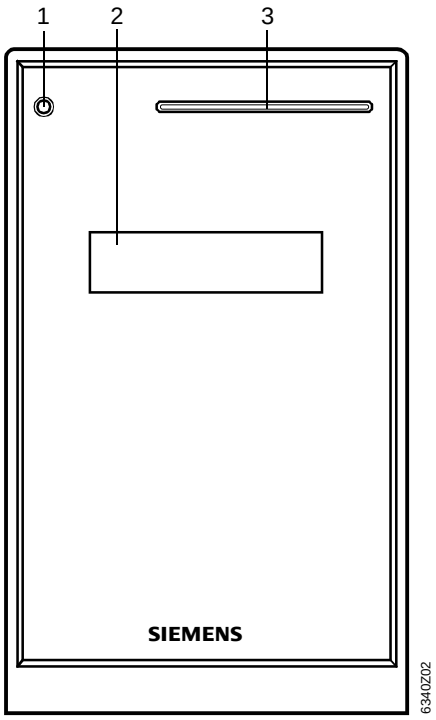
The HCW3.2 chipcard encoder consists of:

- Plastic housing, desktop model
- Power supply unit (see technical data)
- Interface cable (coupling and connector; see technical data)

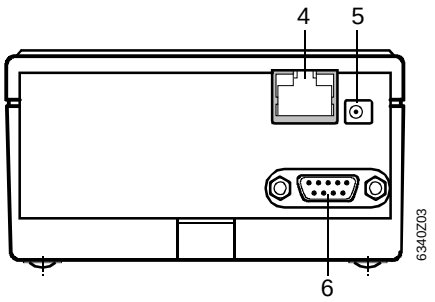
Power supply unit

Plastic housing,
desktop model

Cover:



Rear:



1 Operation mode display
2 LCD panel
(2 lines of 16 characters each)
3 Lighted card slot for read/write access for chipcards
4 TCP/IP interface *
5 Power supply socket
6 Connecter (D-Sub 9)

* Prepared; not available with HSW3.1

Engineering notes

The HCW3.2 is a vital Hotel Solution system component. The number of HCW3.2 chipcard encoders must be proportionate to the size of the hotel with an adequate quantity included when planning the system. Two HCW3.2 chipcard encoders are required at an absolute minimum, so that if one fails, card keys can still be programmed using the second card encoder.
The chipcard encoder should be located close to the front-office system (FOS) or the HOTEL SOLUTION operator station.
A null modem is required if a long distance between the HCW32 chipcard encoder and the PC with the HOTEL SOLUTION database is unavoidable.

Mounting

- The card encoder must be used in dry, enclosed spaces only
- Keep horizontal and on a firm base
- To be commissioned by trained personnel only
- Do not open the unit
- Local safety and installation regulations apply

Technical data

HCW3.2

Supply	Voltage SELV	DC 12 V + /– 15%
	Current consumption	0.2 A
Supply interface	Socket on rear of unit	External diameter 5.5 mm, pin diameter 2 mm
Bus interface	Sockets on rear of unit	RS232, D-Sub 9
		TCP/IP, RJ45, 8 pin
Display	LCD	2 lines of 16 characters each
Chipcards	Type	Siemens SLE5542, SLE4442
Ambient conditions	Normal operation	To IEC 721-3-3: Class 3K5
	Temperature	0...+50 °C
	Humidity	< 85%rH
	Air pressure	Min. 700 hPa, equivalent to max. 3000 m above sea level
	Transport	To IEC 721-3-2: Class 2K3
	Temperature	-25...+65 °C
	Humidity	< 95%rH
	Air pressure	Min. 260 hPa, equivalent to max. 10000 m above sea level
Industry standards		
Product safety	Automatic electrical controls for household and similar use	EN 60 730
Electromagnetic compatibility	Emitted interference in residential areas	EN 61 000-6-3
	Interference immunity in residential areas	EN 61 000-6-1
Housing protection standard	To EN 60 529	IP 20
Protection class	To EN 60 730	III (without power supply unit)
CE conformity	Meets the requirements of:	
	EMC Directive	89/336/EEC
	Low voltage directive	73/23/EEC
Environmental compatibility	Environmental product declaration CM2E6340en provides data on environmentally compatible product design and assessment (material composition, packaging, disposal)	ISO 14001 (environment) ISO 9001 (quality)
UL/CUL approval		UL/CUL 916
Dimensions	Orientation during operation	Horizontal only
	See also dimension diagrams	57.5 x 105 x 175 mm (H x W x D)
Color	Plastic components	Gray
Weight excluding packaging	Chipcard encoder	330 g
	Power supply unit	120 g
	Serial interface cable	140 g
Weight including packaging		700 g

Power supply unit

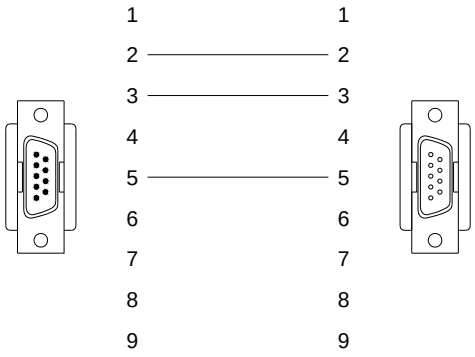
Input	Supply voltage	AC 100 ... 230 V
	Frequency	50/60 Hz
	Current consumption	150 mA
Output	Safety-low voltage SELV	DC 12 V
	Output current	450 mA
Cable length		1.75 m

Serial interface cable

Interface	serial, RS232
Coupling and connector	D-Sub 9
Cable length	2.00 m

Connection diagrams

Interface cable connection diagram



2	BUS RS 232 RXD
3	BUS RS 232 TXD
5	GND

Dimensions

Dimensions in mm