GCR3-30, GCR3-230 | Glass card reader

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2023

EAN code
GCR3-30/B: 8595188191692
GCR3-30/W: 8595188191708
GCR3-230/B: 8595188191715
GCR3-230/W: 8595188191722

Order Code:
GCR3-30/B: 9169
GCR3-30/W: 9170
GCR3-230/B: 9171
GCR3-230/W: 9172

30 mm   9 mm

- Glass card reader GCR3-30 is part of a comprehensive range of glass iNELS control units and can be advantageously used in all projects, e.g. guest room management system (GRMS).
- GCR3-30 card reader is designed for reading smart cards, which are intended to enter the hotel room or any other part of the building.
- GCR3-30 supports RFID media with a carrier frequency of 13.56 MHz. Supported card types Mifare 1k, 4k, Ultralight, DesFire, ISO/IEC 14443-4 (CD97BX, CD light, P5CN072 (SMX) Innovision jewel (IRT5001), FeliCa (RCS_860, RCS_854)
- The GCR3 is a design component of the iNELS system and is available in elegant black (GCR3-30/B, GCR3-230/B) and white (GCR3-30/ W, GCR3-230/ W) variants. The GCR3-30 models feature a square design, while the GCR3-230 models come in a round design.
- Engraving of symbols is possible upon a request. The room number as well as the logo of the hotel can be also engraved on each component.
- The controller is also equipped with 3x capacitive touch button with different function or macro (set of functions). It is therefore possible to use one button to control several application. For eg. Function of bell and with two icons to indicate the status of guest requests, e.g. "Do Not Disturb" and "Make Up Room", whose state guest can set from other glass switch panel.
- Individual symbols can be illuminated in one of seven colours - red, green, blue, yellow, pink, turquoise and white.
- Reader GCR3-30 is equipped with a sensor for ambient light intensity and proximity sensor. Based on information from the sensor it can e.g. switch the lighting circuits in the corridor.
- All versions are in the size of the standard module (94x94 mm) and are designed for mounting into an installation.
- GCR3-30 are designed for mounting into an installation box.

Technical parameters	GCR3-30	GCR3-230
Inputs		
Illuminance sensor:	1 to 100 000 Lx	
Proximity Sensor:	(SWP/SBP models) motion detection at a distance of 0.25 m	
RFID readers		
Supported frequencies:	13.56 MHz	
Card Type:	Mifare 1k, 4k, Ultralight, DesFire, ISO/IEC 14443-4 (CD97BX, CD light, P5CN072 (SMX) Innovision jewel (IRT5001), FeliCa (RCS_860, RCS_854)	
Buttons		
Number of control buttons:	3	
Type:	capacitive	
Indication:	coloured illuminated symbol	
Outputs		
Acustic output:	piezo-changer	
Communication		
Installation BUS:	BUS	
Power supply		
Supply voltage/tolerance:	27 V DC, -20/+10 %	
Dissipated power:	max. 0.5 W	
Rated current:	25-50 mA (at 27 V DC), from BUS	
Connection		
Terminals:	EIB ø 0.6 - 0.8 mm^2	
Operating conditions		
Relative humidity:	max. 80 %	
Operating temperature:	-20 to +55 °C	
Storing temperature:	-30 to +70 °C	
Protection degree:	IP20	
Overvoltage category:	II.	
Pollution degree:	2	
Operation position:	any	
Installation:	on the wall, observing the conditions for correct installation of the sensor	
Dimensions and weight		
Dimensions:	94 x 94 x 41 mm	100 x 100 x 8 mm	
Weight:	154 g	
Standards:	EN 63044-1	

Instrument description

Illuminated room number (daylight white)

Maximum area for room number 55x18 mm

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Customized logo 33x10 mm

Customized buttons

HOTEL

GCR3-30/SB
(BLACK glass, SHARP edges)
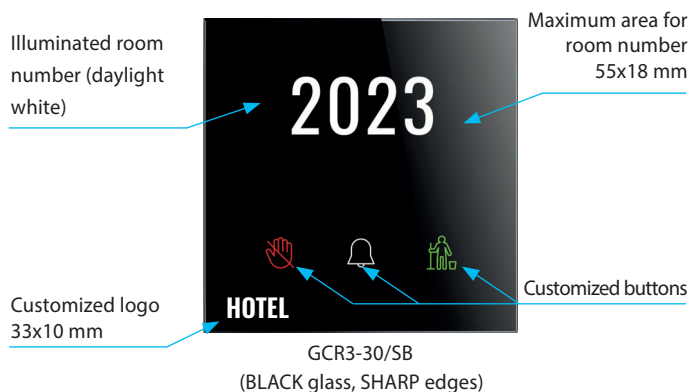
Button legend

Create your glass design here:
icons.inels.com

Connection

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Installation box   Metal holder   Device