



EAN code
GCR3-11/B: 8595188157476
GCR3-11/W: 8595188157483

Technical parameters	GCR3-11
Input	
Illuminance sensor:	1 ... 100 000 Lx
Buttons	
Number of control buttons:	3
Type:	Capacitive
Indication:	Coloured illuminated symbol
RFID readers	
Supported frequencies:	13.56 MHz
Card Type:	MIFARE Ultralight, DESFire 2K, Plus S 4K
Outputs	
Signalling:	Do Not Disturb, Make Up Room
Output:	1x changeover 8 A / $AgSnO_2$
Acustic output:	piezo-changer
Tactile output:	Vibration motor
Switching voltage:	230V AC/ 30V DC
Switching output:	2000 VA/AC1; 240 W/DC
Peak current:	20 A/<3s
Insulation voltage between relay outputs and internal circuits:	3.75 kV, SELV according to EN 60950
Minimal switched current:	10 mA / 10 V
Switching frequency without load:	300 min^{-1}
Switching frequency with rated load:	10 min^{-1}
Mechanical life:	1x 10^7
Electrical life AC1:	1x 10^5
Communication	
Installation BUS:	BUS
Power supply	
Supply voltage / tolerance:	27 V DC, -20 / +10 %
Rated current:	100-130 mA (at 27V DC), from BUS
Connection	
Data:	terminals, 0.5 - 1 mm^2
Network:	max. 2.5 mm^2/1.5 mm^2 with sleeve
Operating conditions	
Relative humidity:	max. 80 %
Operating temperature:	-20 .. +55 °C
Storing temperature:	-30 .. +70 °C
Protection degree:	IP20
Overvoltage category:	II.
Pollution degree:	2
Operation position:	any
Installation:	into installation box
Dimensions and weight	
Dimensions:	94 x 94 x 36 mm
Weight:	161 g

- Glass RFID card reader GCR3-11 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).
- GCR3-11 card reader is designed for reading smart cards, which are intended to enter the hotel room or any other part of the building.
- GCR3-11 supports RFID media with a carrier frequency of 13.56 MHz. Supported card types MIFARE Ultralight, DESFire 2K, Plus S 4K.
- The GCR3-11 is a design component of the iNELS system and is available in elegant black (GCR3-11/B) and white (GCR3-11/ W) variants.
- Input card reader is the first device of guest room management system (GRMS), with which the hotel guest comes into contact first and therefore was designed with an emphasis on representative design.
- Printing is possible to customize to the investor requirements. The room number as well as the logo of the hotel can be also printed on each component.
- The controller is also equipped with touch button with 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 multi-function touch panel EHT3, glass card holder GCH3-31, glass switch buttons GSB3-20/S, GSB3-40/S, GSB3-60/S or such GSP3-100 glass switch panel.
- Individual symbols can be illuminated in one of seven colours - red, green, blue, yellow, pink, turquoise and white.
- Reader GCR3-11 is equipped with an 8A relay output with $AgSnO_2$ contact for door lock control.
- Reader GCR3-11 is equipped with a sensor for ambient light intensity. 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 module (94x94 mm) from the line of luxury switches and sockets LOGUS^{90} and are therefore fully in line with the design of frames for the sockets of this series, where you can just as for the controllers choose white and black glass frames.
- GCR3-11 are designed for mounting into an installation box.

Connection

