



The picture of device is illustrative, the icons (symbols) are configurable by the customer.

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

Technical parameters		GCR3-11
<b>Input</b>		
Illuminance sensor:	1 to 100 000 Lx	
<b>Buttons</b>		
Number of control buttons:	3	
Type:	capacitive	
Indication:	coloured illuminated symbol	
<b>RFID readers</b>		
Supported frequencies:	13.56 MHz	
Card Type:	MIFARE Ultralight, DESFire 2K (EV1), DESFire 4K (EV1)	
<b>Outputs</b>		
Signalling:	Do Not Disturb, Make Up Room	
Output:	1x changeover 8 A/AgSnO <sub>2</sub>	
Acoustic output:	piezo-changer	
Tactile output:	vibration motor	
Switching voltage:	230 V AC/30 V 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 <sup>-1</sup>	
Switching frequency with rated load:	10 min <sup>-1</sup>	
Mechanical life:	1x 10 <sup>7</sup>	
Electrical life AC1:	1x 10 <sup>5</sup>	
<b>Communication</b>		
Installation BUS:	BUS	
<b>Power supply</b>		
Supply voltage/tolerance:	27 V DC, -20/+10 %	
Dissipated power:	max. 0.5 W	
Rated current:	100-130 mA (at 27 V DC), from BUS	
<b>Connection</b>		
Data:	terminals, 0.5 - 1 mm <sup>2</sup>	
Network:	max. 2.5 mm <sup>2</sup> /1.5 mm <sup>2</sup> with sleeve	
<b>Operating conditions</b>		
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:	into installation box	
<b>Dimensions and weight</b>		
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 (EV1), DESFire 4K (EV1).
- 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.
- 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 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 8 A relay output with AgSnO<sub>2</sub> 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<sup>90</sup> 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

