GCH3-31 | Glass card holder





EAN code
GCH3-31/B: 8595188156271
GCH3-31/W: 8595188156318

Technical parameters	GCH3-31
Input	
Illuminance sensor:	1 ... 100 000 Lx
Buttons	
Number of control buttons:	3
Typ:	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:	100-120 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:	142 x 94 x 36 mm
Weight:	210 g

- Glass card holder GCH3-31 is part of a comprehensive range of glass iNELS control units for guest room management system (GRMS).
- GCH3-31 serves for inserting the RFID card into the holder, whereby the system acquires the information about whether the hotel guest is present in the room. With this information it is possible to ensure for example Exit function with relation to energy savings in the absence of a guest in the room.
- Glass card holder is a design component of the iNELS system and is available in elegant black (GCH3-31/B) and white (GCH3-31/W) version.
- The GCH3-31 component is equipped with an RFID reader and is thus able to identify the specific hotel card inserted. Power saving function in the absence of a guest cannot be bypassed by simply inserting business cards into the holder.
- GCH3-31 supports RFID media with a carrier frequency of 13.56 MHz. Supported card types are MIFARE Ultralight, DESFire 2K, Plus S 4K.
- The unit is also equipped with three touch buttons that can be used for example to set room status "Do Not Disturb" or "Make Up Room". This condition is then signalled to the glass card reader GCR3-11 or glass info panel GDB3-10 which are placed before the entrance to the room. Information may be sent directly to the hotel reception.
- Card holder printing is possible to customize to the investor requirements. The logo of the hotel can be shown for example. Likewise, it is also possible to adapt the card printing.
- The GCH3-31 unit is equipped with an 8A relay output and an $AgSnO_2$ contact.
- Individual symbols can be illuminated in one of seven colours - red, green, blue, yellow, pink, turquoise and white.
- GCH3-31 are designed for mounting into an installation box.

Connection

