PROGRAMMABLE CARD HOLDER

PRODUCT DESCRIPTION

RG.CHA.10 a programmable card holder device designed for hotels. Its intended usage is to be placed inside the room near the entrance door. The card holder has a backlight.

The device can communicate with Mifare 1K RFID cards. The devices provide additional functionality thanks to a collection of digital inputs and outputs.

The RG.CHA.10 devices communicate with the rest of the system using RS485 port.

TECHNICAL DATA

ELECTRICAL SPECIFICATIONS	
Power supply	Nominal: 24 VDC, 1W Voltage range: 12 ... 30 VDC
COMMUNICATION CHANEL	
RS485	BACnet MS/TP or Modbus Slave RTU/ASCII. Programmable baud rate (9600, 19200, 38400, 76800, 115200), Jumper selectable use of termination and polarization resistors
USB	USB device, mini USB connector, service port
INPUTS	
Potential-free inputs	2
OUTPUTS	
Relay output 250VAC/5A	2
ADDITIONAL SPECIFICATIONS	
Operating temperature	0.. +55 °C
Storage temperature	-30.. +80 °C
Operating humidity	max 95% r.H., no condensation
Protection degree	IP20
Mounting	Wall mounting, for indoor use only
Dimensions	Built in: 72x53x35 mm. Front panel: 130x102x12
Weight	200g

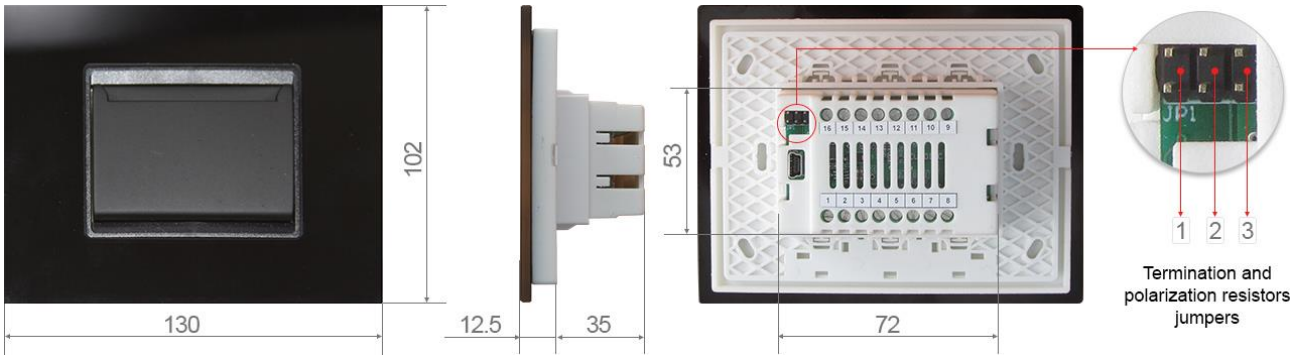
PRODUCT FEATURES

- Supports Mifare 1K RFID cards
- Card slot backlight
- Configuration, programming and debugging is done using PC based tool through USB port
- Resource sharing between controllers through BACnet network. Data sharing is performed without intervention of the supervisory system
- Jumper selectable standard polarization and termination resistors on RS485 terminal

WIRING AND RESOURCES

LOCATION	NAME	DESCRIPTION	ADDRESS
Position 1	Power supply 24 VDC -	Device GND	
Position 2	Power supply 24 VDC +	Power supply +	
Position 3	RS485 B-	Communication – line	
Position 4	RS485 A+	Communication + line	
Position 5	BIN common	24 VDC +	
Position 6	BIN1	Binary input 1	IX0
Position 7	BIN common	24 VDC +	
Position 8	BIN2	Binary input 2	IX1
Position 9	NC		
Position 10	BOUT1	Binary output 1	QX4
Position 11	BOUT2	Binary output 2	QX5
Position 12	BOUT common	Common terminal for BOUT	
Position 13	NC		
Position 14	NC		
Position 15	NC		
Position 16	NC		

DIMENSIONS AND MOUNTING



SAFETY NOTES

- The device is not allowed to be used outside the specified field of application, especially in aircraft or in any other airborne means of transport.
- It may only be installed by suitably trained personnel.
- Any legal regulations or regulations issued by authorities must be observed during assembly.
- The device may only be opened at the manufacturer's site. It does not contain any parts that can be replaced or repaired by the user.
- The device contains electrical and electronic components and is not allowed to be disposed of as household refuse. All locally valid regulations and requirements must be observed.