

RF KEY PAD UNIT – 9 KEYS



PRODUCT DESCRIPTION

RG.KPA.01 is a programmable keypad unit for hotel rooms or family homes. It can be used as user interface in various automation systems.

Device feature 9 capacitive keys with two color dimmable backlight.

The RG.KPA.01 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 CHANNEL	
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
USER INTERFACE	
Capacitive keys	9
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

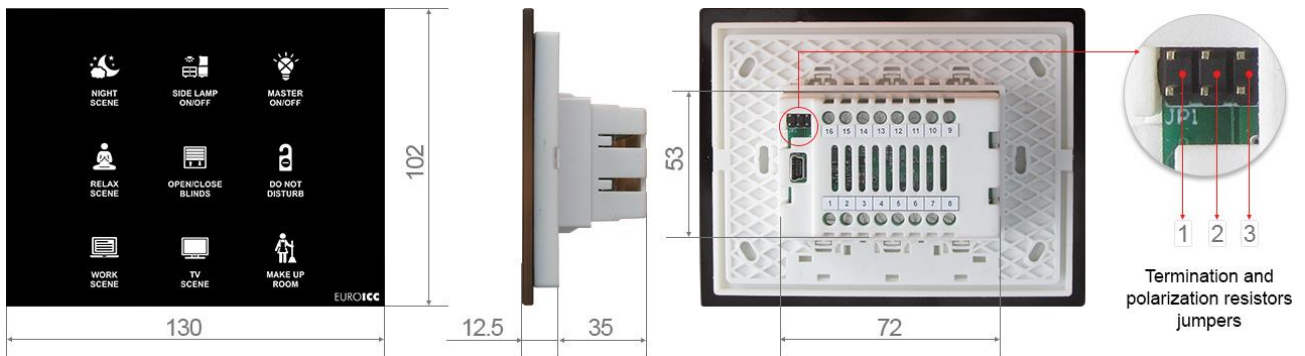
PRODUCT FEATURES

- » 9 capacitive keys with bicolor backlight
- » Resource sharing between controllers through BACnet network. Data sharing is performed without intervention of the supervisory system
- » Configuration, programming and debugging is done using PC based tool through USB port
- » Jumper selectable standard polarizing 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	NC		
Position 6	NC		
Position 7	NC		
Position 8	NC		
Position 9	NC		
Position 10	NC		
Position 11	NC		
Position 12	NC		
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.