

Individual designed room controllers with MODBUS+ASCII protocol

RESI-RC-CU2-MB-dd-ss

Room controller for wall mount with serial RS485 interface and individual design

Our series of room controllers offer a broad range for individualism: We offer various designs, many different materials for cover plates, individual engraving and versions with RESI design and for integration into standard frames on the market: BERKER®, GIRA®, SIEMENS®, JUNG®. The room controllers communicate with your host via standard MODBUS protocol (RTU) or via simple ASCII text protocol. The communication is handled via serial RS485 line. Therefore you can address up to 256 room controllers or room sensors on one bus segment with a maximum length of 1200m and a maximum speed of 256000Baud.

HIGHLIGHTS

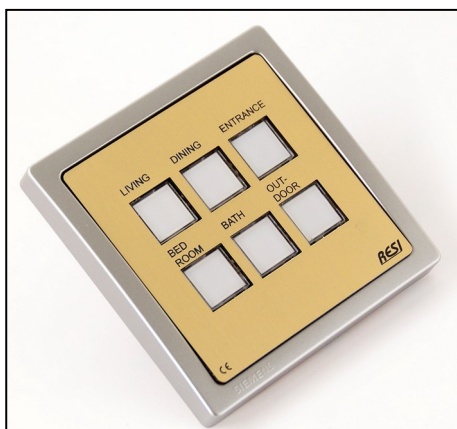
- Room controller with 6 push buttons and 6 LEDs
- Pushbutton LED colors selectable: RED, YELLOW, GREEN, BLUE, WHITE
- Optional: integrated temperature sensor or temperature and air quality sensor
- Ambient frame illumination with integrated RGB LEDs+buzzer for alarm
- Different designs, individual cover material, logo
- Serial RS485 with MODBUS/RTU+ASCII slave protocol
- Power supply: 12-48Vdc
- Mountable in standard in-wall socket outlet

APPLICATION

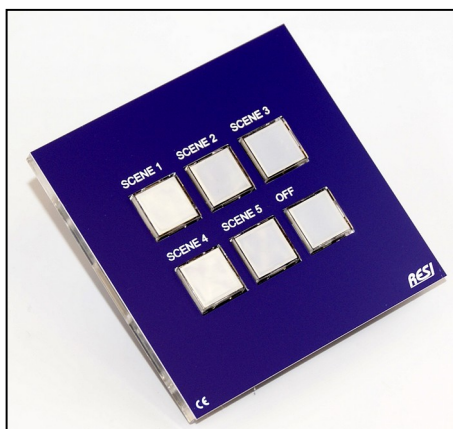
- SCADA systems
- Building management systems
- Industrial Automation
- HVAC control
- Smart Homes
- Multiroom audio
- Presentation+conference rooms

MARKETS

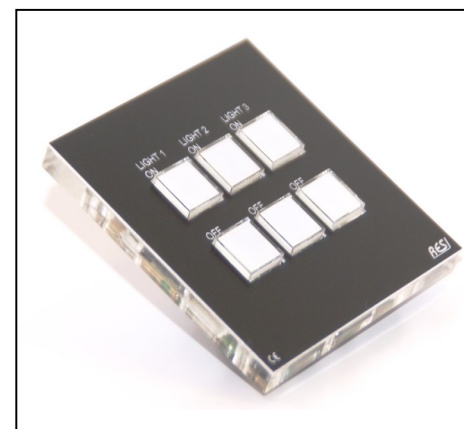
- Building automation
- Industry
- Hotels, Resorts
- Residential Automation
- Smart Cities



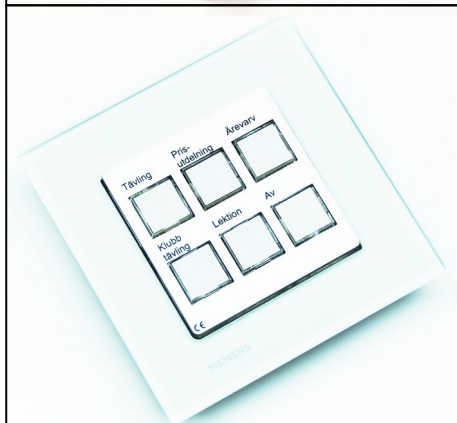
RESI-RC-CU1-SIO



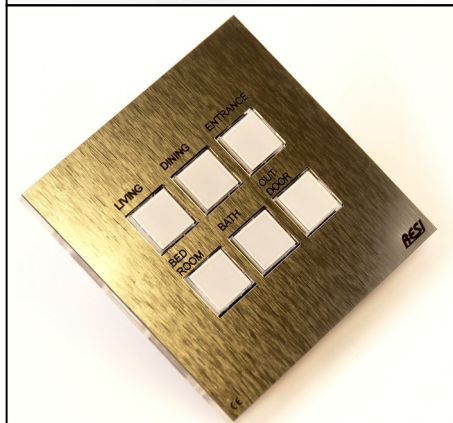
RESI-RC-CU1-SIO



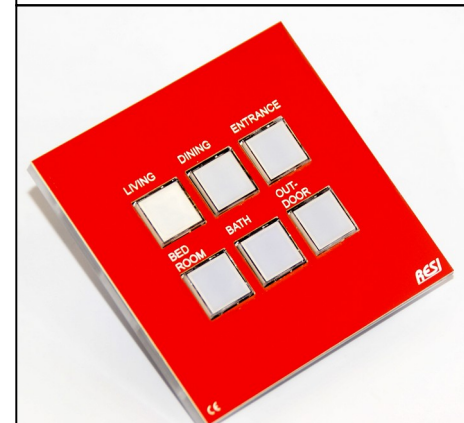
RESI-RC-CU1-SIO



RESI-RC-CU1-SIO



RESI-RC-CU1-SIO



RESI-RC-CU1-SIO

FEATURES

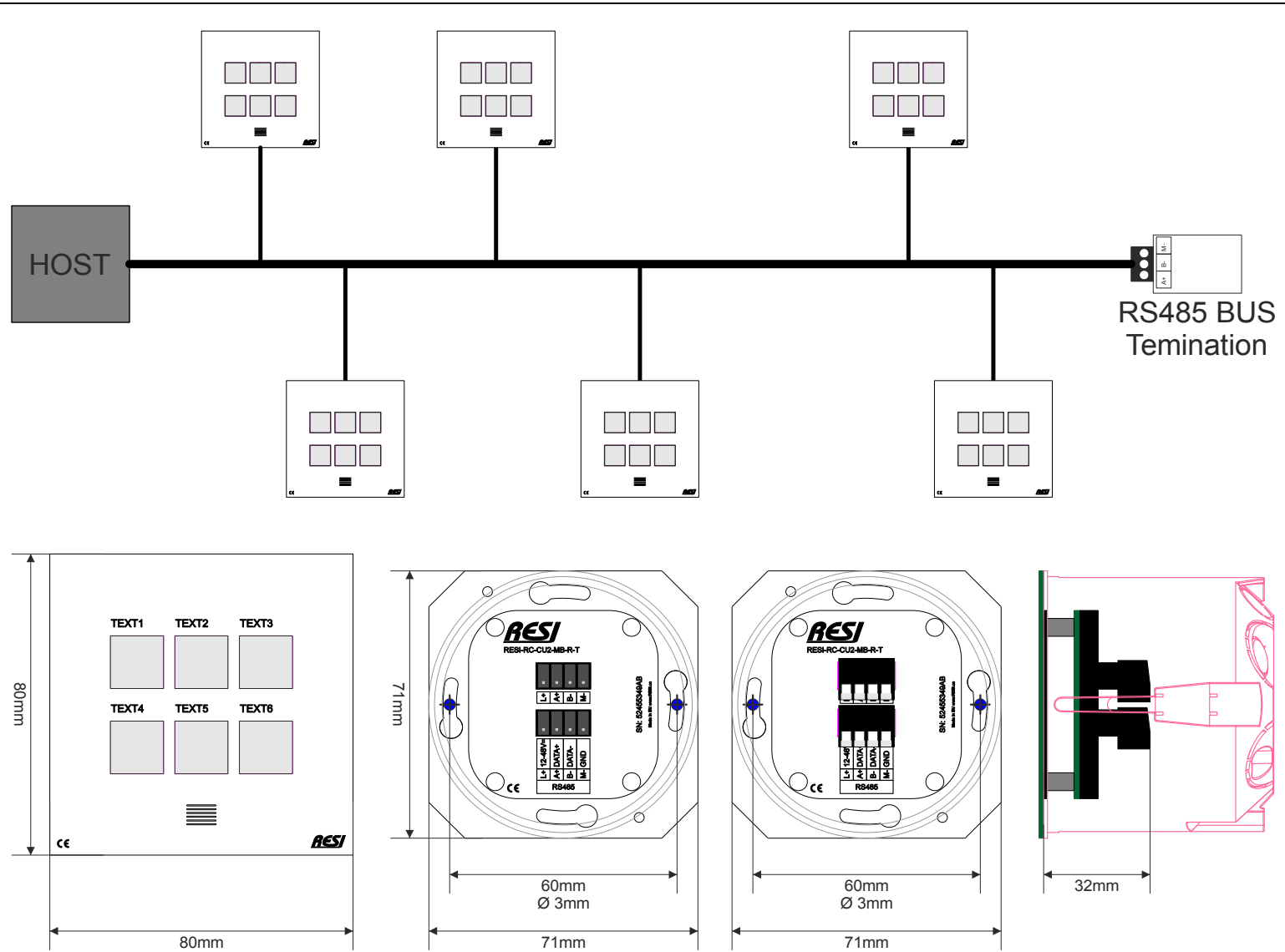
- Individual design and cover plates and cover plate materials
- Own engravings on cover plate
- Customized logo on cover plate
- Suitable for many standard frames BERKER®, GIRA®, SIEMENS®, JUNG®
- Push buttons 6 with LEDs
- LED colors RED, YELLOW, GREEN, BLUE, WHITE
- Ambient RGB Frame LEDs Yes
- Integrated buzzer Yes
- Optional integrated Sensors: Temperature
Temperature+rel. humidity
Temperature+rel. humidity+air quality

- Power supply: 12-48V=
- Serial interface: RS485
- MODBUS/RTU slave protocol Yes
- ASCII slave text protocol Yes
- Unit ID (Address) 0..255
- Serial parameters: 300-256000bd, 8 data bits, no,even or odd parity, 1 or 2 stop bits
- DIP switch: Yes, for basic configuration
- Configuration software: Yes, free MODBUSConfigurator and LIBRE OFFICE® configurator
- Housing (LxWxH in mm): Depends on the design
- Mounting: standard in-wall socket outlet
- Certification: CE
- IP protection: IP20

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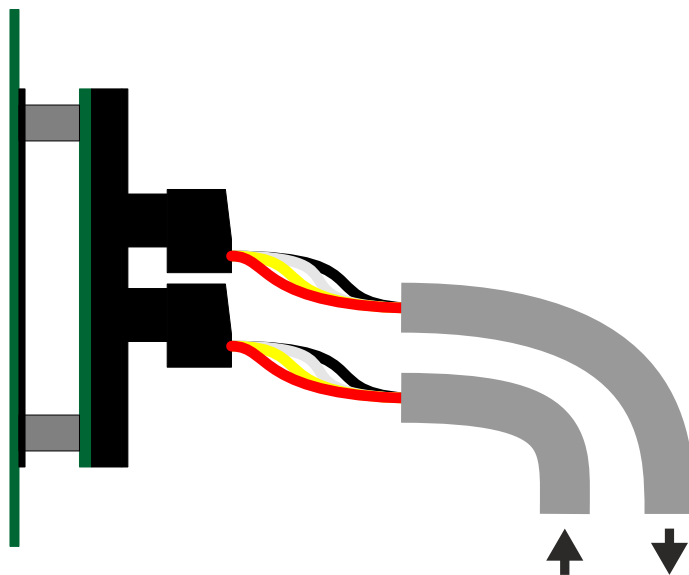
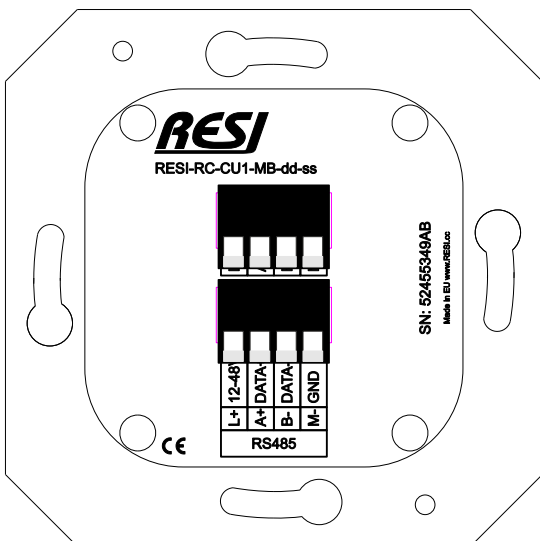
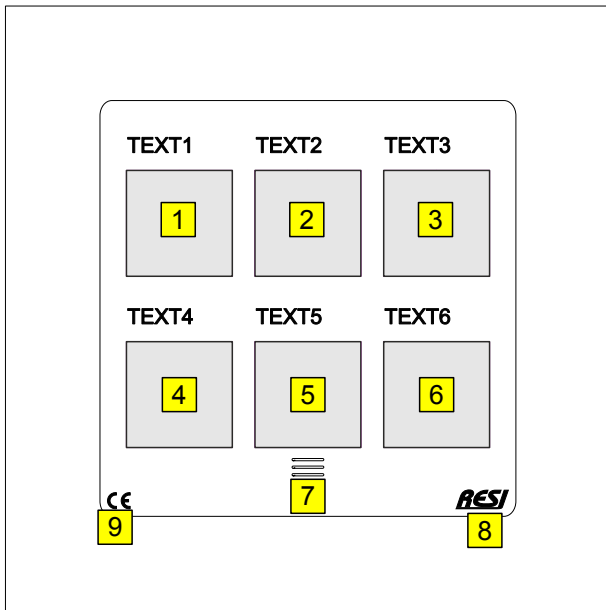
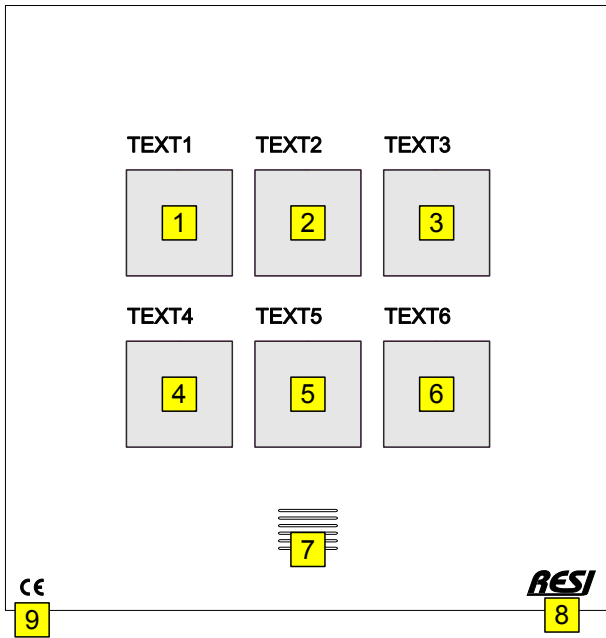
Room controller for wall mount with serial RS485 interface and individual design



RESI-RC-CU2-MB-dd-ss connection diagram

RESI-RC-CU2-MB-dd-ss




















Room controller for wall mount with serial RS485 interface and individual design


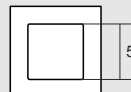
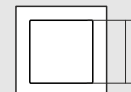

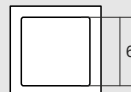
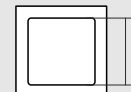


ORDER CODE	
RESI-RC-CU2-MB-dd-ss	
dd:DESIGN	
Select your design option	
ss:INTEGRATED SENSOR	
<input type="checkbox"/>	N or none:No sensors
<input type="checkbox"/>	T:Temperature
<input type="checkbox"/>	TH:Temperature+rel. humidity
<input type="checkbox"/>	AQ:T+rel. humidity+Air quality

1:KEY+LED TOP LEFT KEY <input type="checkbox"/> NO KEY <input type="checkbox"/> KEY WITH LED TEXT <input type="checkbox"/> NO TEXT <input type="checkbox"/> _____		2:KEY+LED TOP MIDDLE KEY <input type="checkbox"/> NO KEY <input type="checkbox"/> KEY WITH LED TEXT <input type="checkbox"/> NO TEXT <input type="checkbox"/> _____		3:KEY+LED TOP RIGHT KEY <input type="checkbox"/> NO KEY <input type="checkbox"/> KEY WITH LED TEXT <input type="checkbox"/> NO TEXT <input type="checkbox"/> _____	
LED COLOR <input type="checkbox"/> WHITE <input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN		LED COLOR <input type="checkbox"/> WHITE <input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN		LED COLOR <input type="checkbox"/> WHITE <input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN	
4:KEY+LED BOTTOM LEFT KEY <input type="checkbox"/> NO KEY <input type="checkbox"/> KEY WITH LED TEXT <input type="checkbox"/> NO TEXT <input type="checkbox"/> _____		5:KEY+LED BOTTOM MIDDLE KEY <input type="checkbox"/> NO KEY <input type="checkbox"/> KEY WITH LED TEXT <input type="checkbox"/> NO TEXT <input type="checkbox"/> _____		6:KEY+LED BOTTOM RIGHT KEY <input type="checkbox"/> NO KEY <input type="checkbox"/> KEY WITH LED TEXT <input type="checkbox"/> NO TEXT <input type="checkbox"/> _____	
LED COLOR <input type="checkbox"/> WHITE <input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN		LED COLOR <input type="checkbox"/> WHITE <input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN		LED COLOR <input type="checkbox"/> WHITE <input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> YELLOW <input type="checkbox"/> GREEN	

7:CUTOUT DESIGN <input type="checkbox"/> A:  <input type="checkbox"/> B:  <input type="checkbox"/> C: NO CUTOUT		8:LOGO <input type="checkbox"/> A:STANDARD <input type="checkbox"/> B:NO LOGO <input type="checkbox"/> C:CUSTOM BRAND _____ Specify your brand name here:		9:CE SIGN <input type="checkbox"/> A:STANDARD <input type="checkbox"/> B:NO CE SIGN	
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BASIC MATERIAL	
<input type="checkbox"/>	White-Black 
<input type="checkbox"/>	Black-White 
<input type="checkbox"/>	Silver-Black 
<input type="checkbox"/>	Yellow-Black 
<input type="checkbox"/>	Red-White 
<input type="checkbox"/>	Orange-White 
<input type="checkbox"/>	Blue-White 
<input type="checkbox"/>	Purple-White 
<input type="checkbox"/>	Green-White 
<input type="checkbox"/>	Opal Green-White 
<input type="checkbox"/>	Brushed Nickel-Black 
<input type="checkbox"/>	Gold-Black 
<input type="checkbox"/>	Brushed Copper-Black 
<input type="checkbox"/>	Deep Bronze-Black 
<input type="checkbox"/>	Brushed Bronze-Black 
<input type="checkbox"/>	Brushed Gold-Black 
<input type="checkbox"/>	Brushed Aluminium-Black 
<input type="checkbox"/>	Stainless Steel-Black 
<input type="checkbox"/>	Stainless Steel-Blue 

DESIGN					
<input type="checkbox"/> RA	RESI DESIGN A O:80x80	<input type="checkbox"/> SD55	SIEMENS DELTA I:55x55	<input type="checkbox"/> GE2	GIRA E2 I:55.5x55.5
					
<input type="checkbox"/> RB	RESI DESIGN B O:80x80	<input type="checkbox"/> SD68	SIEMENS DELTA I:68x68	<input type="checkbox"/> BQ3	BERKER Q3 I:59x59
					
<input type="checkbox"/> RC	RESI DESIGN C Φ:90	<input type="checkbox"/> JLS	JUNG LS 982 I:71x71	NOTE The necessary third party frames are not part of our standard product delivery and product pricing! But we can deliver those frames as extra addon products, if you want!	
	