

RFID RCP with keyboard



Applications:

- Access control and employee identification systems
- Industrial machinery access authorization
- Public facility monitoring (stadiums, exhibition halls)
- Wireless transaction systems (e.g. in diners)
- Logistical systems for storeroom management and tracking resources
- Employee work time recording



Characteristics:

- 4x20 characters LCD display - enables customization by displaying various messages or applied RFID tag data.
- Module equipped with a numeric keypad emulating the ID of an RFID card and allowing for entry/exit declaration.
- Control over two relay outputs and monitoring two digital inputs.
- Ethernet and Wi-Fi (option) communication.
- HTTP, Modbus TCP, Modbus RTU, SNTP communication protocols support.

Technical characteristics

Power supply	PoE: 33-57V IEEE 802.3af (RCP with keyboard PoE)	Passive PoE 10-24V DC (RCP with keyboard Passive PoE)
	10-24V DC, 3,5mm screw terminal	
Power consumption	Max. 2,5W	
Transponders	Unique EM4100, EM4102	Mifare ® (Classic, Plus (UID), DESFire (UID))
Memory	1000 tags, 30 000 events	
Inputs	Amount of digital inputs: 2	Input type: NO (Normally Open)
Outputs	Amount of outputs: 2	Output type: NO, relay Maximum relay load: 1A @ 30V DC
Communication	Ethernet 10Mbps, RJ45 port	RS485 port (Modbus RTU)
Enclosure	IP rating: IP65	Dimensions: 150 x 100 x 55,6mm
Operating temperature	From -10°C to +55°C	

Version	RFID standard		Power supply			Catalogue number
	Unique	Mifare®	PoE 802.3af	Passive PoE 10-24V DC	10-24V DC	
RCP 125kHz with keyboard	✓			✓	✓	RC-0001-0082-00
RCP 125kHz with keyboard PoE	✓		✓		✓	RC-0001-0083-00
RCP 13,56MHz with keyboard		✓		✓	✓	RC-0002-0082-00
RCP 13,56MHz with keyboard PoE		✓	✓		✓	RC-0002-0083-00