RFID
IND2 LCD

RFID READER

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RFID

Applications:

- Access control and employee identification systems
- Forklift operation supervision
- 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.
- NFC-equipped smartphones can be utilized as access tokens.
- Ethernet and Wi-Fi (option) communication.
- Control over two relay outputs and monitoring two digital inputs.
- HTTP(S), MQTT(S), Modbus TCP, Modbus RTU, SNTP communication protocols support.

Technical characteristics

Power supply	PoE: 33-57V IEEE 802.3af (IND2 LCD PoE)		
	10-24V DC, 3,5mm screw terminal		
Power consumption	Max. 2,5W		
Transponders	Unique EM4100, EM4102		HITAG 2
	ICODE® (ISO15693)	Mifare ® (Classic, Plus (UID), DESFire (UID))	
Memory	5000 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	Wi-Fi (option)	RS485 port (Modbus RTU)
Enclosure	IP rating: IP65	Dimensions: 100 x 100 x 55,6mm	
Operating temperature	From -10°C to +55°C		

Version	RFID standard				Power supply		Wi-Fi	Catalogue number
	Unique	HITAG 2	Mifare®	ICODE	PoE 802.3af	10-24V DC		
IND2 LCD 125kHz Uni	✓					✓		I2-0001-0002-00
IND2 LCD 125kHz Uni PoE	✓				✓	✓		I2-0001-0003-00
IND2 LCD 125kHz Uni Wi-Fi	✓					✓	✓	I2-0001-0006-00
IND2 LCD 125kHz Uni PoE Wi-Fi	✓				✓	✓	✓	I2-0001-0007-00
IND2 LCD 125kHz HT2		✓				✓		I2-0010-0002-00
IND2 LCD 125kHz HT2 PoE		✓			✓	✓		I2-0010-0003-00
IND2 LCD 125kHz HT2 Wi-Fi		✓				✓	✓	I2-0010-0006-00
IND2 LCD 125kHz HT2 PoE Wi-Fi		✓			✓	✓	✓	I2-0010-0007-00
IND2 LCD 13,56MHz Mif			✓			✓		I2-0002-0002-00
IND2 LCD 13,56MHz Mif PoE			✓		✓	✓		I2-0002-0003-00
IND2 LCD 13,56MHz Mif Wi-Fi			✓			✓	✓	I2-0002-0006-00
IND2 LCD 13,56MHz Mif PoE Wi-Fi			✓		✓	✓	✓	I2-0002-0007-00
IND2 LCD 13,56MHz ICO				✓		✓		I2-0004-0002-00
IND2 LCD 13,56MHz ICO PoE				✓	✓	✓		I2-0004-0003-00
IND2 LCD 13,56MHz ICO Wi-Fi				✓		✓	✓	I2-0004-0006-00
IND2 LCD 13,56MHz ICO PoE Wi-Fi				✓	✓	✓	✓	I2-0004-0007-00