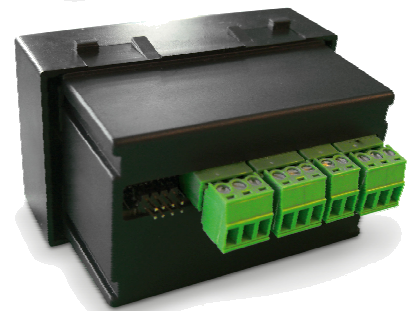
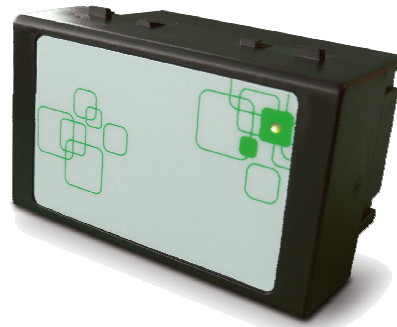


# IDSOF 503

## 503 Box Reader Writer



### Features

#### General

■ Operating frequency (HF)	13.56 MHz
■ Operating frequency (LF)	125KHz
■ Transponders (HF)	ISO15693/ISO14443 / I-CODE/ Mifare
■ Transponders (LF)	Unique/H4102/ TK5557/TK5567/ Q5
■ RF transmitting power	100mW
■ Approx. read range (LF)	*max 10 cm
■ Approx. read range (HF)	*max 10 cm
■ Supported Connection	TCP/IP 10/100MHz
■	Serial RS232
■ Input	1 with Galvanic Isolation
■ Output	1 Relè (NC – NO Contacts)
■	Buzzer
■ Power	12 to 24V DC or AC
■ Current consumption	max. 140 mA
■ Real Time Clock with battery backup	
■ Operation modes	Polling-Mode & Scan Mode
■ Optical indicators	RJ45 Link
	RJ45 Tx/Rx
	Status LED
■ Driver Support	
- Windows XP/VISTA 32 Bit	
- Windows DLLs, API and PC driver available	
* Using ISO TAG	

**IDSOF 503** is a family of products designed by TechSigno ready to be fitted into standard wall box (503) for all the needs of RFID reading at 125KHz or 13.56Mhz.

Typical applications for the devices of the family **IDSOF 503** are the access control, accounting services for load control (example hair dryer). **IDSOF 503** can operate in stand alone mode as well as connected to a central host using the most common serial interfaces RS232 / RS485 or Ethernet network.

Special attention has also been placed in control of costs and installation time; The fastening system and the facility of connection allow an fast installation, while the supply voltage can be selected as one of DC, AC power supplies, or POE (Power Over Ethernet)

The ease of use is assured by the supplied SW suite, that allows the setup of the functionality on site rather than in remote control. The complete documentation of the messaging and the DLL Libraries provided allow a quick and easy integration with third-party applications.

#### RoHS

(Fully RoHS (2002/95/CE) Compliant).

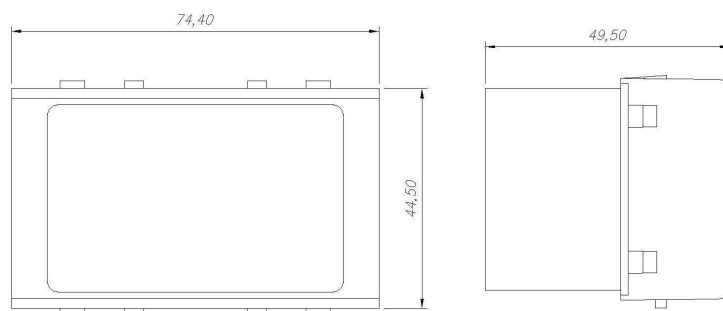
# IDSOF 503

## Benefits

Reader/Writer multi-frequency with high reliability
Compact size, designed for 503 box
Immediate installation and immediate operation
Supports a wide selection of both LF and HF TAGs

## Mechanical and Electrical informations

<b>Dimensioni</b>	75 x 45 x 50 mm
<b>Weight</b>	<gr. 150
<b>Supply voltage</b>	12 - 24V DC - AC
<b>Current</b>	140mA (12Vdc)
<b>Temperature range</b>	
<b>Operation</b>	0 °C up to 50 °C
<b>Storage</b>	-40 °C up to 85 °C
<b>Relative air humidity</b>	95% (non-condensing)



## Options

Conformal Coating, Extended Range

## Accessories

## Order Code

503ID-LH-01-232	Reader with RS232 Interface Vimar
503ID-LH-01-TCP	Reader with Network Interface (POE) Vimar
503ID-LH-10-232	Reader with RS232 Interface Ticino
503ID-LH-10-TCP	Reader with Network Interface (POE) Ticino

IT IS POSSIBLE TO MOVE FROM STANDARD TO INDIVIDUAL SOLUTIONS WITH OUR "COMPREHENSIVE SERVICES".

CONTACT US FOR ANY FURTHER DETAILS ON THIS.



## About Us

TechSigno srl is an independent company that build RFID system and intelligent objects for multimedia, industrial, transportation, medical, and wireless applications. Working closely with our customers, we meet the specific made-to-order demands of our customer to achieve maximum functionality, efficiency, reliability and therefore satisfaction.

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Ver. 1.0 EN

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