

Communication modules

To be combined with energy counters

Main features

Compact size (1-2 DIN modules)

Easy to use: no physical connection thanks to optical port to be combined with the energy counter

Possibility to switch the use of the communication module according to the required application Modules: RS485 MODBUS, MBUS, LAN GATEWAY

Usable with the following series: S504, S534, S503 e S502

General description

S500-MOD (Modbus RS485)

S500-MOD module allows to collect and transmit measurements data of the connected meter to a remote station. This data is transmitted on a RS485 line, using MODBUS RTU or ASCII protocols. MODBUS is the most popular communication protocol designed to allow industrial equipment to communicate. S500-MOD module is provided with a SET DEFAULT key to reset all communication parameters to factory default values. This function is very useful, i.e. in case of ModBUS logical address forgotten. Two LEDs on the S500-MOD module provide information about power supply status and communication status.

S500-MBU (M-BUS)

S500-MBU module allows to collect and transmit measurements data of the connected meter to a remote station using M-Bus protocol. M-Bus (Meter-Bus) is a European standard for the remote reading of consumption meters. A free dedicated software is provided for module configuration and for displaying the detected measurements.

S500-ETH (TCP/IP)

S500-ETH module allows to manage a single energy counter by any PC connected to Internet/LAN by means of a simple web browser. S500-ETH module web pages are designed to be cross browser compliant: Internet Explorer 7, Internet Explorer 8, Mozilla Firefox 3.xx, Apple Safari, Google Chrome, Opera, Netscape navigator are all supported web browsers. Another supported feature is ModBUS TCP protocol. ModBUS TCP is the most popular communication protocol designed to allow industrial equipment to communicate over a network. The use of ModBUS TCP provides a totally scaleable solution according to the needs. S500-ETH module is provided with a SET DEFAULT key to reset all communication parameters to factory default values. This function is very useful, i.e. in case of IP address forgotten. Two LEDs on S500-ETH module provide information about link activity and status

COMMUNICATION MODULES	S500-MOD	S500-MBU	S500-ETH
			
GENERAL DATA			
Protocols	ModBUS	MBUS	Ethernet
Communication port	RS485	M-BUS	LAN
Dimensions [W*H*P]	18x90x65 mm	18x90x65 mm	36x90x65 mm

CODICI D'ORDINE		
Codici		Descrizione
Modello	S500-MOD	Communication module ModBUS - RS485 port
	S500-MBU	Communication module MBUS - M-BUS port
	S500-ETH	Communication module Ethernet - LAN port

SENECA

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