

Z-BRIDGE2

BRIDGE MODBUS TCP-IP ↔ MODBUS RTU WITH DUAL SERIAL PORT



Transparent Conversion, Ethernet communication ↔ RS485

Static IP address or configured with DHCP

Built-in Web server

N°2 RS485 port individually configurable from 600 up to 115.200 bps

N°1 mini USB 2.0 port, type B

N°1 RJ45 port Fast Ethernet 10/100 Mbps

Protocols ModBUS RTU Master, ModBUS TCP-IP, http

Ability to operate with repetition of both serial ports (redundancy)

Configuration through DIP-switches, Web server, software Easy

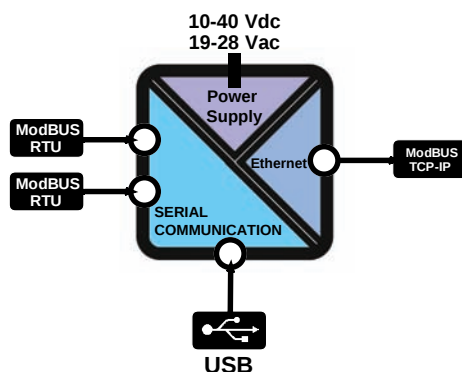
Setup (free download)

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BRIDGE MODBUS TCP-IP / MODBUS RTU WITH DUAL SERIAL PORT



TECHNICAL SPECIFICATIONS

GENERAL DATA

Power Supply	10..40 Vdc; 19..28 Vac
Consumption	Max 3,5 W
Isolation	500 Vac (power supply // serial port // Ethernet)
Status indicators	Serial communication IP / DHCP Connection Ethernet Transmission Ethernet Connection
Protection degree	IP20
Operating Temperature	-0..+55°C
Weight	250 g
Dimensions	100 x 112 x 17,5 mm (hxdxw)
Housing	PBT,black
Connection	Removable screw terminals 2,5 mm ²
Mounting	DIN 35 mm rail guide

COMUNICATION

Interfaces	N°2 RS485 N°1 mini USB 2.0 type B N°1 RJ45 Fast Ethernet 10/100 Mbps
Protocols	ModBUS RTU Master ModBUS TCP-IP / http
Memory	CPU 32 bit 512 kB flash 128 kB RAM

CONFIGURATION

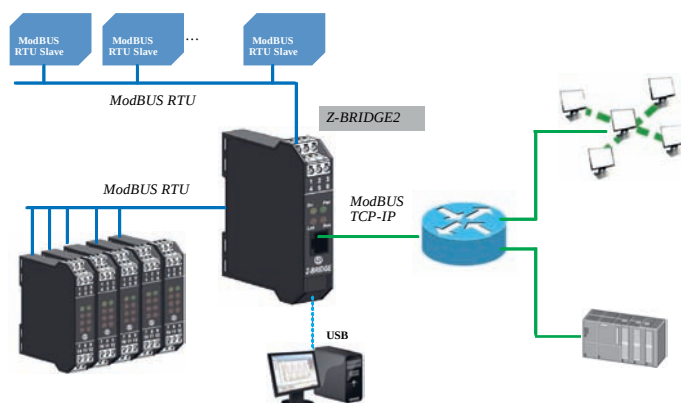
Programming	Software EASY SETUP Web server Dip-switches
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STANDARD

Certifications	CE
Norms	EN 61000-6-4 EN 64000-6-2 EN 61010-1

Z-BRIDGE2 is a serial protocol converter from ModBUS RTU to ModBUS TCP/IP. Powered through AC/DC supply, with N.2 RS485 serial communication ports, N.1 Ethernet port, N.1 USB port. Protocols supported: ModBUS RTU Master on RS232/RS485 and ModBUS TCP-IP server on the Ethernet network. The RS485 serial ports are individually configurable (from 600 to 115,200 bps). Z-BRIDGE offers the possibility of working with repetition of both serial ports RS485 (redundancy). The IP address can be static or configured for DHCP (Dynamic Host Configuration Protocol). The module is also equipped with a built-in Web Server. The configuration and updates are via USB and Easy Setup software (free download from www.seneca.it).

APPLICATION NOTE



ORDER CODES

Code	Description
Z-BRIDGE2	Bridge ModBUS TCP-IP / ModBUS RTU with dual serial port, 10-40 Vdc; 19-28 Vac, USB cable included

ACCESSORIES & SOFTWARE

		
EASY SETUP Plug & Play Programming software free download from www.seneca.it	PM001450 Right Ethernet cable (RJ45 / RJ45)	PM001460 Crossing Ethernet cable (RJ45 / RJ45)

SIMILAR PRODUCTS

		
Z-GATEWAY Gateway Modbus TCP - Modbus RTU	Z-LOGGER Datalogger Modbus RTU / Modbus TCP	Z-ALARM Alarm management device, datalogger with built-in I/O



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