

Converters

EMG / RS-USB Series



EMG-12

EMG-02

EMG-02 / EMG-12

RS-485 / Ethernet Modem

Ethernet / RS-485 Modbus Gateway for communication with MODBUS compatible devices via Internet (WAN) and Intranet (LAN).

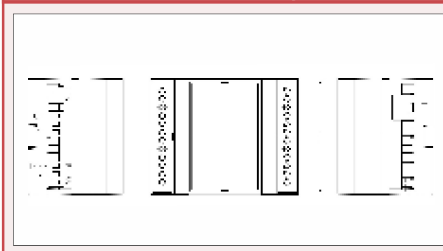
PRODUCT SELECTION TABLE

Product Code		Number of max connections device	Power Supply	Pcs / Box
RS-USB2	RS-485/USB Converter	32		1
EMG-02	Ethernet-Modbus Gateway	2	*	1
EMG-12	Ethernet-Modbus Gateway	32	*	1
RPT-1	RS-485 to RS-485 Repeater	32	*	1

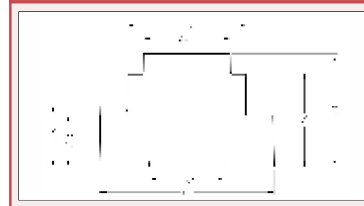
* 230V power supply is given included in device box.

Category	Description
Network Protocols	TCP/IP, ARP, ICMP, HTTP, Modbus TCP
Serial Ports	RS-485 -USB
Operation Modes	ModbusTCP/RTU ve Tunneling
Network interface	10/100 Mbps auto-negotiation
Serial Interface	1200-115200 bps
Supply	12-20 VDC (with adapter)
Insulation and Protection	Rs-485 port: 500V Ethernet port: 1500V 15KV ESD Protection on USB Port 10/1000 μ s transient pulse protection on RS-485 port (600W)
Enclosure Type (EMG-12/02)	DIN 4 (rail mount)

Connection Diagram



Dimensions



Remote Monitoring



RS-USB2

RPT-1

RS-485 USB Converter

Used for computer communication between devices and RS-485 / USB Converter.

Features

- Supports USB 1.1 and USB 2.0 / 300-115.200 bps transfer rate
- Automatic flow control for RS-485
- Minimum 3000 VDC isolation
- Activation LED
- Can be powered from a USB port and does not require external supply.
- Automatic "transfer rate" definition ESD (Electro-static discharge) protection

RPT-1 RS-485 Repeater

- Variable transfer rate 300,...9600,...115k
- Variable Data Format