



EMG-12



EMG-02

EMG-02 / EMG-10 / EMG-12**General**

Ethernet / RS-485 Modbus Gateway for communicating PC with MPR / EPR and EPM series via Internet (WAN) and Intranet (LAN).

EMG-10 enables only one (1) online connection via internet / intranet. However, EMG-02 / EMG-12 enables max. 4 online connections via internet / intranet.

| Category | Description |
|---------------------------|---|
| Network Protocols | TCP/IP, ARP, ICMP, HTTP |
| Serial Ports | RS485 and USB for configuration |
| Operation Modes | ModbusTCP/RTU and Modbus Tunnel |
| Network interface | 10/100 Mbps auto-negotiation |
| Serial Communication | Data bits : 5-6-7-8 data bits Stop Bits: 1-1.5-2 Characters Parity: Odd, even, none |
| Serial Interface | 300-115200 bps |
| Supply | 9-24V AC - 9-30V DC or (~75 mA) by the USB Port |
| Insulation and Protection | RS485 port: 500V Ethernet port: 1500V 15KV ESD Protection on USB Port 10/1000 μ transient pulse protection on RS-485 port (600W) |



RS-USB2

USB Converter (RS-USB2)

RS-485 / USB Converter for communicating PC with MPR / EPR and EPM-0x series.

Technical Specifications

USB 1.1 and USB 2.0 support
300 - 115.200 bps baud rate
Auto direction flow control on RS485
Minimum 3000 V DC isolation protection
Activation LED
Deriving the power from USB port and no need for an external supply.
Auto baud rate detection
ESD (Electro-static discharge) protection



RPT-1

RPT-1**RS-485 to RS-485 REPEATER**

Variable Baud Rate
300,...9600,...115k
Variable Data Format

Ürün Kodu

| Ürün Kodu | Ürün Adı | Max. number of connected devices | 1 online connection | 4 online connection | Psc/ Carton | AC Adapter |
|-----------|---------------------------|----------------------------------|---------------------|---------------------|-------------|------------|
| RS-USB2 | RS-485/USB Converter | 32 | | | 1 | |
| EMG-02 | Ethernet-Modbus Gateway | 2 | | ● | 1 | * |
| EMG-10 | Ethernet-Modbus Gateway | 32 | ● | | 1 | * |
| EMG-12 | Ethernet-Modbus Gateway | 32 | | ● | 1 | * |
| RPT-1 | RS-485 to RS-485 Repeater | 32 | | | 1 | * |

* A 230 V AC Adapter comes bundled with the device package.