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TCP2RS+

RS-232 / 485 - Ethernet
converter

*More powerful, more versatile,
more industrial!*



Features

TCP2RS+ is a gateway aimed at conversion of the physical medium Ethernet to RS-232 or RS-485, or vice versa. The equipment is fitted with a Web Server, from which the user programmes the device configuration parameters.

1! More powerful

TCP2RS+ is a converter with a high reliability, stability and robustness of use. It can work in fix IP mode, and even in DHCP mode through identification using the name.



2! More versatile

TCP2RS+ is designed to work in different communication modes: **UDP**, **TCP** and **Modbus/TCP**.

In addition, the equipment has routing functions to develop topologies RS-232/485 on existing Ethernet infrastructures (Figure 2).

The selection of the protocol of network series (RS-232 or RS-485) is performed using a software through the configuration of the Web Server.

- *Easy access to configuration Web Server*
- *Interface RS-232 or RS-485 can be selected using software*
- *Multiple communication protocols*
- *Ethernet connection RJ45 10/100BaseTX*
- *Connection of up to 32 equipments on the bus (RS-485)*
- *Compatible with any other market application (PS/PSS)*

3! Más industrial

TCP2RS+ es el único conversor del mercado con alimentación multi-rango (85...290 Vc.a. / 120...410 Vc.c.) y fijación a carril DIN en tan sólo 2 módulos.



Fig. 1. Master-slave standard function

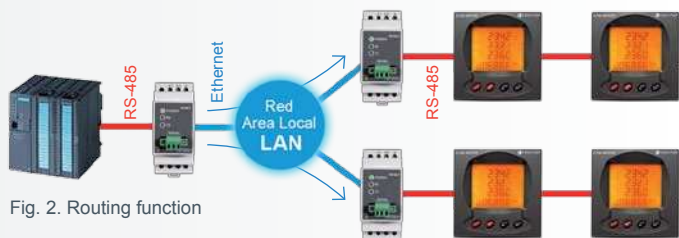


Fig. 2. Routing function

Technical features

TCP2RS+

Type	Code
TCP2RS+	M54033
Versatile power supply	
power supply voltage	85...290 V AC, 120...410 V DC
Communications	
Ntework protocol	TCP / UDP / Modbus/TCP
Ethernet	10 BaseT / 100 BaseTX Ethernet (RJ45) autodetectable
Speed	4800...115 200 bps
Data bits	7 / 8
Stop bits	1 / 2
Parities	pair, odd, none
Configuration	HTTP/JSON/DHTML
Software	Upgradeable from the web
Diagnosis LEDs	Power, RX, RT, FULL/ HALF (Ethernet), ACTIVITY, 10M/100M / LINK
Environmental conditions	
Standard temperature	-10 ... +60 °C
Storage temperature	-40 ... +85 °C
Degree of protection	IP 20
Humidity without condensation	5 ... 95%
Maximum altitude	2000 m
Security	
Class III category / EN 61010	
Double-insulated electric shock protection class II	
Standards	
IEC 60664, VDE 0110, UL 94, EN61010-1, EN55011, EN 61000-4-2, EN 61000-4-3, 61000-4-11, EN 61000-6-4, EN 61000-6-2, EN 61000-6-1, EN 61000-6-3, EN 61000-4-5, CE	

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