



ENAPART



93 S Railroad Avenue Unit C
Bergenfield NJ 07621 USA
www.enapart.com
sales@enapart.com



Via del Canneto 35,
Borgosatollo, Brescia - Italia
www.enapart.it
vendite@enapart.it



Barbaros Mah. Ihlamur Bul. Aĝaoĝlu
My Newwork No:3/15 Ataşehir / İstanbul
www.enapart.net
satis@enapart.net



PRIVADA 10 B SUR #3908 COL.
ANZUREZ, C.P. 72530, PUEBLA, PUE
www.enapart.com.mx
sales@enapart.com.mx



Friedrich-Ebert-Anlage 36, 60325
Frankfurt am Main, Germany
www.enapart.de
anfrage@enapart.de



4 boulevard Carnot, 95400
villiers-le-bel, Paris, France
www.enapart.fr
sales@enapart.fr



65049, ОДЕСА, ВУЛИЦЯ ІВАНА
ФРАНКА, БУДИНОК 55, ПОВЕРХ 3
www.enapart.com.ua
sales@enapart.com.ua



MUNICIPIUL BUCUREȘTI, SECTOR 3,
B-DUL BASARABIA, NR.250, CORP P+5
www.enapart.ro
sales@enapart.ro



〒584-0023 大阪府富田林市若松町
東2丁目2番16号
www.enapart.co.jp
sales@enapart.co.jp



PLAZA NUESTRA SEÑORA DE LAS
NIEVES 12 ,LOCAL ,50012,ZARAGOZA
www.enapart.es
ventas@enapart.es



Складова база „Онгъл“, Склад А2, п.к.
4006, гр. Пловдив, България
www.enapart.bg
sales@enapart.bg



3 Austin Mews, High Street, Hemel
Hempstead, HP1 3AF , United Kingdom
www.enapart.co.uk
sales@enapart.co.uk

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

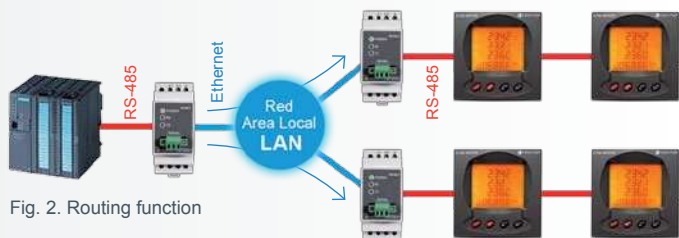


Fig. 2. Routing function

Technical features

TCP2RS+

Type	Code
TCP2RS+	M54033

Versatile power supply

power supply voltage	85...290 V AC, 120...410 V DC
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Communications

Ntework protocol	TCP / UDP / Modbus/TCP
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Ethernet	10 BaseT / 100 BaseTX Ethernet (RJ45) autodetectable
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Speed	4800...115 200 bps
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Data bits	7 / 8
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Stop bits	1 / 2
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Parities	pair, odd, none
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Configuration	HTTP/JSON/DHTML
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Software	Upgradeable from the web
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Diagnosis LEDs	Power, RX, RT, FULL/ HALF (Ethernet), ACTIVITY, 10M/100M / LINK
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Environmental conditions

Standard temperature	-10 ... +60 °C
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Storage temperature	-40 ... +85 °C
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Degree of protection	IP 20
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Humidity without condensation	5 ... 95%
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Maximum altitude	2000 m
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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

www.circuitor.com

CIRCUTOR, SA - Vial Sant Jordi, s/n
08232 Viladecavalls (Barcelona) Spain

Tel. (+34) 93 745 29 00 - Fax: (+34) 93 745 29 14

central@circuitor.es

