

TCPRS1+, RS-485 / Ethernet converter / Wi-Fi

Code: M62422.

- > Protocol: TCP/IP | UDP | Modbus TCP/IP | HTTP (Web server)
- > Communications: Ethernet, Wi-Fi

#### Description

The **TCPRS1+** is a gateway designed to convert a physical environment (RS-485) to Ethernet and/or Wi-Fi. The device features a Web Server and the **"MyConfig Wifi"** app (Android), from which the user can fully edit the configuration parameters of the device.

Other features:

- The device is for installation inside a medium or low voltage electric panel or enclosure, with DIN rail mounting (IEC 60715).
- $\circ~$  The TCPRS1+ comes with DHCP enabled by default.
- $\circ$  Connect up to 32 devices on the RS-485 communications bus.

#### Application

For any installation that has multiple RS-485 communications devices that require monitoring via Wi-Fi or Ethernet.

## Circutor



RS-485 to Ethernet converter / Wi-Fi

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#### Specifications

Installation category	CAT III
Consumption	2 7 VA
	50 60 Hz
Frequency	
Nominal voltage	100 264 V ~
DC power supply	
Installation category	CAT III
Consumption	1,6 2 W
Nominal voltage	120 300 Vdc
Aechanical characteristics	
Size (mm) width x height x depth	35 x 109.45 x 70 (mm)
Screw type	Flat, M2.5
Envelope	Self-extinguishing VO plastic
Torque setting	≤ 0,4 Nm
Communications cable cross-section	2.5 mm <sup>2</sup>
Cable gauge at power supply terminals	2.5 mm <sup>2</sup>
Fastening	DIN rail
Weight (kg)	0,126
invironmental characteristics	
Protection class	IP30, Front: IP40 IK08
Relative humidity (without condensation)	5 95%
Storage temperature	-20 +70 °C
Working temperature	-20 +60 °C
Communications	
Protocol	TCP/IP UDP Modbus TCP/IP HTTTP (Web server)-REST
Туре	RS-485/Ethernet/Wi-Fi
itandards	
Electrical safety, Maximum height (m)	2000
Standards	EN 62368-1:2020/A11:2020/ AC:2020-05, EN 50663: 2017, ETSI EN 301 489- V2.2.3, ETSI EN 301 489-17 V3.2.4, ETSI EN 301 893 V2.1.1
Jser interface	
LED	6 LED





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TCPRS1+ RS-485 / Ethernet / Wi-Fi converter

CODE	TYPE	Communications	Protocol	
Ethernet				
M62422.	TCPRS1+	RS-485, Ethernet, Wi-Fi	TCP/IP   UDP   Modbus TCP/IP   HTTP (Web server)	

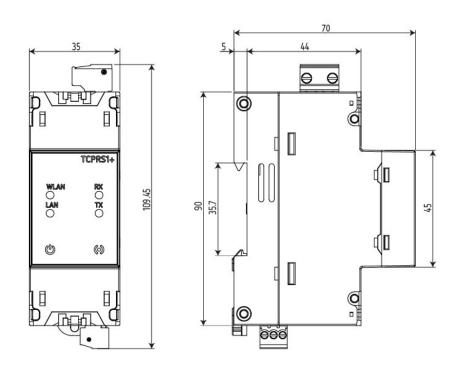
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### Dimensions



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