



## TCPRS1+

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

Code: M62422. (CONSULTAR DISPONIBILIDAD)

> 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).
- The TCPRS1+ comes with DHCP enabled by default.
- 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.



## TCPRS1+

RS-485 to Ethernet converter / Wi-Fi

Code: M62422.

### Specifications

#### AC power supply

|                       |                 |
|-----------------------|-----------------|
| Installation category | CAT III         |
| Consumption           | 2 ... 7 VA      |
| Frequency             | 50 ... 60 Hz    |
| Nominal voltage       | 100 ... 264 V ~ |

#### DC power supply

|                       |                 |
|-----------------------|-----------------|
| Installation category | CAT III         |
| Consumption           | 1,6 ... 2 W     |
| Nominal voltage       | 120 ... 300 Vdc |

#### Mechanical characteristics

|                                  |                               |
|----------------------------------|-------------------------------|
| Size (mm) width x height x depth | 35 x 109.45 x 70 (mm)         |
| Envelope                         | Self-extinguishing V0 plastic |
| Fastening                        | DIN rail                      |
| Weight (kg)                      | 0,126                         |

#### Environmental characteristics

|  |                        |
|--|------------------------|
| Protection class                         | IP30, Front: IP40 IK08 |
| Relative humidity (without condensation) | 5 ... 95%              |
| Storage temperature                      | -20 ... +70 °C         |
| Working temperature                      | -20 ... +60 °C         |

#### Communication Network

|                   |   |
|-------------------|---|
| Protocol          | TCP/IP UDP Modbus TCP/IP HTTP (Web server)-REST |
| Technology / Type | Ethernet  |

#### Standards

|                                       |   |
|---------------------------------------|---|
| Electrical safety, Maximum height (m) | 2000  |
| Standards                             | EN 62368-1:2020/A11:2020/ AC:2020-05, EN 50663: 2017, ETSI EN 301 489-1 V2.2.3, ETSI EN 301 489-17 V3.2.4, ETSI EN 301 893 V2.1.1 |

#### User interface

|     |       |
|-----|-------|
| LED | 6 LED |
|-----|-------|

#### Serial communication

|                   |        |
|-------------------|--------|
| Technology / Type | RS-485 |
|-------------------|--------|

#### Wireless communication



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Technology / Type

Wi-Fi

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RS-485 / Ethernet / Wi-Fi converter

| CODE            | TYPE        | Communications          | Protocol   |
|-----------------|-------------|-------------------------|--|
| <b>Ethernet</b> |             |                         |  |
| D80010.         | TCPRS1+     | RS-485, Ethernet, Wi-Fi | TCP/IP   UDP   Modbus TCP/IP   HTTP (Web server) |
| D80011.         | TCPRS1+PSDC | RS-485, Ethernet, Wi-Fi | TCP  UDP Modbus TCP HTTP (Web server)-REST       |



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### Dimensions



### Connections

