



## TCPRS1+PSDC

---

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

Code: D80011.

> Protocol: TCP |UDP|Modbus TCP|HTTP (Web server)-REST

> 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+PSDC

RS-485 to Ethernet converter / Wi-Fi

Code: D80011.

### Specifications

#### DC power supply

Installation category	CAT III 50V
Consumption	2 ... 2,5 W
Nominal voltage	10 ... 36 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 UDP Modbus TCP HTTP (Web server)-REST
Technology / Type	Ethernet

#### Standards

Electrical safety, Maximum height (m)	2000
Standards	EN 62368-1:2020/A11:2020/ AC:2020-05, ETSI EN 301 489-1 V2.2.3, ETSI EN 301 489-17 V3.2.6, ETSI EN 300 328 V2.2.2, UNE-EN IEC 62311, UNE-EN 60068-2-78, UNE-EN 60068-2-1, UNE-EN 60068-2-2, UNE-EN 61010-1, UNE-EN 61000-4-2, UNE-EN 61000-4-4, UNE-EN 61000-4-5, UNE-EN 61000-4-6, UNE-EN 61000-4-8, UNE-EN 61000-4-20, UNE-EN 55016-2-1.

#### User interface

LED	6 LED
-----	-------

#### Serial communication

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

#### Wireless communication

Technology / Type	Wi-Fi
-------------------	-------

TCPRS1+



## TCPRS1+PSDC

RS-485 to Ethernet converter / Wi-Fi

Code: D80011.

RS-485 / Ethernet / Wi-Fi converter

CODE	TYPE	Communications	Protocol
<b>Ethernet</b>			
M62422.	TCPRS1+	RS-485, Ethernet, Wi-Fi	TCP/IP   UDP   Modbus TCP/IP   HTTP (Web server)
D80010.	TCPRS1+	RS-485, Ethernet, Wi-Fi	TCP/IP   UDP   Modbus TCP/IP   HTTP (Web server)
<b>Ethernet converter</b>			
M62432.	TCPRS1+PSDC	RS-485, Ethernet, Wi-Fi	TCP  UDP Modbus TCP HTTP (Web server)-REST
D80011.	TCPRS1+PSDC	RS-485, Ethernet, Wi-Fi	TCP  UDP Modbus TCP HTTP (Web server)-REST



## TCPRS1+PSDC

RS-485 to Ethernet converter / Wi-Fi

Code: D80011.

### Dimensions



### Connections

