



### Description

**TCP1RS+** is a gateway used to convert from the Ethernet physical environment to RS-485. The parameters of the unit can be fully customised using the software provided, configuring any parameter relating to the Ethernet or serial communication ports. In structured environments, the unit can work in different addressing modes: static IP or through DHCP assignment if the application requires it. In the Ethernet physical environment, the unit can be configured in encapsulated TCP, UDP and even Modbus/TCP in multi-master mode.

Other features include:

- Multi-range power supply (196...253 Vac)
- Attached to DIN rail (2 modules)

### Applications

- Conversion of RS-485 signals to Ethernet signals, or vice-versa.

### Technical features

<b>Features</b>	Network protocols	TCP / UDP / MODBUS TCP / HTTP
	Ethernet	Self-detecting 10BaseT / 100BaseTX (RJ-45)
	Serial port	RS-485, three cables (A/B/GND)
	Serial port speed	1,200...115,200 bps
	Data bits	7 / 8
	Stop bits	1 / 2
	Parity	even, odd, none
	Diagnosis LEDs	Power / Link-Activity / RX-TX
	Versatile power supply	196...253 Vac
	Power supply connection	Metal terminals with "posidraft" screws
	<b>Build features</b>	Box
Protection degree		IP 20
Attachment		<b>DIN 46277</b> rail (2 modules)
<b>Environmental conditions</b>	Operating temperature	-10 °C...+60 °C
	Humidity (without condensation)	5%...95%
	Maximum altitude	2,000 m
<b>Safety</b>	Designed for CAT III 300/520 Vac installations, in accordance with <b>EN 61010</b> . Double-insulated electric shock protection, class II	
<b>Standards</b>	<b>IEC 60664, VDE 0110, UL 94, EN 61010-1, EN 55011, 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, EC</b>	

### References

Type

TCP1RS+

### Dimensions

