



Kit line-TCPRS1/M-20I

Kit line-TCPRS1/M-20I, Pulse and contact centraliser

Code: M62510.

- > Protocol: ModbusTCP | TCP | UDP
- > Módulos: 6
- > Communications: Ethernet | WiFi
- > Digital inputs: 20

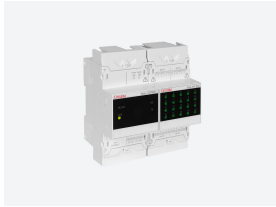
Description

Pulse centralizing device to fully manage the consumption of any installation. It can send data to a higher-level SCADA system thanks to the **line-TCPRS1** gateway, which incorporates Wi-Fi and Ethernet communications.

Application

Manage consumption in:

- Shopping centres
- Flats
- Industry
- Ports and campgrounds



Kit line-TCPRS1/M-20I

Impulse centralizer kits

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Specifications

AC power supply

Installation category	CAT III 300 V
Consumption	7 ... 11 VA
Frequency	50 ... 60 Hz
Nominal voltage	100 ... 264 V ~

DC power supply

Installation category	CAT III 300 V
Consumption	5,5 ... 6 W
Nominal voltage	100 ... 300 Vdc

Mechanical characteristics

Size (mm) width x height x depth	105 x 118 x 70 (mm)
Screw type	Flat, M2.5
Envelope	Self-extinguishing V0 plastic
Torque setting	≤ 0,4 Nm
Communications cable cross-section	2.5 mm ²
Cable gauge at power supply terminals	2.5 mm ²
Cable gauge at input and output terminals	2.5 mm ²
Fastening	DIN rail
Weight (kg)	0,3

Environmental characteristics

Protection class	IP30, Front: IP40
Relative humidity (without condensation)	5 ... 95%
Storage temperature	-20 ... +70 °C
Working temperature	-10 ... +50 °C

Communications

Connection mode to Network	DHCP ON/OFF (ON by default)
Band	2,4 GHZ.
Fieldbus	RS-485 / RS-232
Data bits	7-8
Stop bits (ModBus)	1-2
Connector	RJ-45
Parity	non-pair-impar (Modbus)
Protocol	TCP / UDP / Modbus TCP / Web server - HTTP / REST
Type	RS-485 / RS-232 / Ethernet / WiFi / Bluetooth



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Speed	Ethernet 10 /100 BT (Mbit/s), Modbus: 4800-9600-19200-38400-57600-115200
Standards	IEEE 802.11 b / g , IEEE 802.11 n (hasta 150 Mbps)
Maximum output power	IEEE 802.11 b: 20 dBm / IEEE 802.11 n: 14 dBm
Connection mechanism	Ethernet 10BaseT / 100BaseTX autodetectable Wi-Fi
Technology	Ethernet, WiFi, Bluetooth 4.2 + EDR, Bluetooth LE

Standards

Electrical safety, Maximum height (m)	2000
Electrical safety, Installation category	CAT III 300V
Standards	UNE-EN 61010-1, UNE-EN 61000-6-2, UNE-EN 61000-6-4

User interface

LED	28 LED
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Digital inputs

Input/output insulation	4,2 kVdc
Quantity	20
Consumption (per input)	60 mA inputs OFF / 240 mA inputs ON
Type	Optocoupled

Kit Line-TCPRS1/M

Impulse and contact centralisers

CODE	TYPE
M62510.	Kit line-TCPRS1/M-20I
M62520.	Kit line-TCPRS1/2xM-20I



Kit line-TCPRS1/M-201

Impulse centralizer kits

Code: M62510.

Dimensions

