

Tables

Specifications

Redisage PN		P01	P02
Ports	RS232	-	-
	RS485	-	-
	RS232/RS485	2x	2x
Microcontroller		ESP32	
Wi-Fi®		N/A	802.11 b/g/n 150 Mbps / 2.4 GHz
SMA socket connector for 2.4G antenna		:x:	:white_check_mark:
Tactile switch		:white_check_mark:	:x:
Power	Voltage	12-30 VDC	
	Power	< 1 W	
Frame ground protection		yes	
Baud rate		up to 115200 bps	
LED indicators		power, link activity, programmable RGB	
RS485 termination		120 ohm manually enabled	
Connector	RS232/RS485	8-pin terminal block max. 2.5 mm ² wire	

Redisage PN		P01	P02
Power	3-pin terminal block max. 2.5 mm ² wire		
Ethernet	RJ45		
Transmission distance	RS485	max. 1,200 m at 9.6 kbps; max. 400 m at 115.2 kbps (Belden 9841 2P twisted-pair cable, if different cables are used, the transmission distance may change)	
	RS232	max. 15 m at 115.2 kbps	
Mounting and enclosure	DIN rail, plastic PA - UL 94 V0, black/green		
Temperatures	-40°C to +75°C operating and storage		
Humidity	10 - 90% RH, non-condensing		
ESD protection	±4 kV contact discharge / ±8 kV air discharge		
Certification	CE, RoHS, EMC, LVD		
Norms	61000-6-2 - Immunity standard for industrial environments 61000-6-4 - Emission standard for industrial environments		

Pin assignments

P01	P02
<p>P01 Open IoT Ethernet Gateway 012345678901234</p> <p>Power: 12-30V/DC < 1W Temperature: -40°C + 75°C Port: 2xRS232/RS485 ETH Ethernet: 10/100BaseT MAC Add: #####MAC1##### REV1 MADE IN EU</p> <p>4 Vin 8 Tx2 12 A2 Ethernet 3 Gnd 7 Rx2 11 B2 RJ45 2 Din 6 Tx1 10 A1 1 FG 5 Rx1 9 B1</p> <p>A1 B1 A2 B2 SC SC 220 220 SC - Software Control</p>	<p>P02 Open IoT Wi-Fi Ethernet Gateway 012345678901234</p> <p>Power: 12-30V/DC < 1W Temperature: -40°C + 75°C Port: 2xRS232/RS485 ETH Wi-Fi: 802.11b/g/n Ethernet: 10/100BaseT MAC Add: #####MAC1##### REV1 MADE IN EU</p> <p>4 Vin 8 Tx2 12 A2 Ethernet 3 Gnd 7 Rx2 11 B2 RJ45 2 Din 6 Tx1 10 A1 1 FG 5 Rx1 9 B1</p> <p>A1 B1 A2 B2 SC SC 220 220 SC - Software Control</p>

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