



Features:

- WAGO's communication module snaps onto a Pro 2 Power Supply's communication interface.
- Modbus TCP/UDP
- Suitable for monitoring the subordinate power supply
- Function blocks for standard control systems available upon request
- Integrated ETHERNET switch for convenient wiring
- Marker slot for WAGO marking cards (WMB) and WAGO marking strips

Technical data		
Input		Signaling and Communication
Nominal input voltage $U_{i\,nom}$	5 VDC (SELV)	Signaling 1 x ERR LED (red) 1 x COM OK LED (green) 1 x LED LNK/ACTx (green) 1 x LED SPEEDx (orange)
Nominal input current at U_N	250 mA (max.)	
		Communications Modbus (TCP, UDP)
		ETHERNET protocols HTTP(S) BootP DHCP SNTP
		Configuration options Web-Based Management
		Visualization Web-Visu
		Transmission rate 100 MBd (ETHERNET: 10/100 Mbit/s)
		Transmission medium (communication/ fieldbus) ETHERNET: Twisted pair S-UTP; 100 Ω; Cat. 5

Safety and protection	
Test voltage (fieldbus)	0.775 kVAC; 50 Hz; 1 min
Protection class	III
Insulation type	Functional insulation
Protection type	IP20; per EN 60529
Overvoltage category	III
Pollution degree	2



Connection Data

Cable length (max.)	100 m	Connection 1	
Transmission medium	ETHERNET: Twisted pair S-UTP; 100 Ω; Cat. 5	Connection type	Modbus TCP/UDP
		Pluggable connector	2 x RJ-45

Physical data

Width	35 mm / 1.378 inches
Height	80 mm / 3.15 inches
Depth	22 mm / 0.866 inches
Note (dimensions)	Depth in mounted state

Mechanical data

Mounting type	Snaps onto the communication interface (X4) of a Pro 2 Power Supply
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Material data

Fire load	0 MJ
Weight	45 g

Environmental requirements

Ambient temperature (operation)	-40 ... +55 °C
Ambient temperature (storage)	-40 ... +85 °C
Relative humidity	5 ... 95 % (no condensation permissible)
Operating altitude (max.)	5000 m

Standards and Specifications

Conformity marking	CE
Standards/specifications	EN 61010-1 EN 61010-2-201 EN 61204-3 UL 61010-1 UL 61010-2-201

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
Customs tariff number	85176200000

Product Classification

UNSPSC	32151705
ETIM 9.0	EC002498
ETIM 10.0	EC002498
ECCN	NO US CLASSIFICATION

General approvals		
Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03081
UL Underwriters Laboratories Inc.	UL 61010-2-201	UL-US-L175199-14-42709102-1_UL-CA-L175199-44-42709102-2

Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc. (HAZARDOUS LOCA- TIONS)	UL 121201	E198726



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2789-9052

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Documentation

Manual

Product Manual Communication Module Modbus TCP; Communication capacity

V 1.2.0
19.07.2023

pdf
14471.62 KB

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Bid Text

2789-9052

11.05.2022

docx
29.10 KB

↓

2789-9052

11.05.2022

xml
5.64 KB

↓

Instruction Leaflet

Communication Module; Modbus TCP

V 1.0.0
27.10.2021

pdf
3239.74 KB

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CAD/CAE-Data

CAD data

2D/3D Models 2789-9052

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CAE data

EPLAN Data Portal 2789-9052

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Runtime Software

Firmware

2789-9052; Pro 2 Kommunikationsmodul Modbus TCP

V 2.00.5
23.01.2024

zip
402.11 KB

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1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Marker carrier

Item No.: 2789-1233
Marker carrier; for WMB or marking strips;
Length: 33 mm