



### 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

Nominal input voltage $U_{1nom}$	DC 5 V (SELV)
Nominal input current at $U_N$	210 mA (typ.)

#### Signaling and communication

Signaling	1 x ERR LED (red) 1 x COM OK LED (green) 1 x LED LNK/ACTx (green) 1 x LED SPEEDx (orange)
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

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

### 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 a Pro 2 Power Supply's communication interface (X4)
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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

ETIM 9.0	EC002498
ETIM 8.0	EC002498
PU (SPU)	1 pcs
Country of origin	CN
Customs tariff number	8517620000

### Environmental Product Compliance

CAS-No.	1303-86-2 1317-36-8 7439-92-1
REACH Candidate List Substance	Diboron trioxide Lead Lead monoxide
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	acbc0842-2ce0-4cb5-8937-58ec4dcf0201
SCIP notification number (Belgium)	323751ce-369b-4540-9255-6391886239f1

**Environmental Product Compliance**

SCIP notification number (Bulgaria)	55cae6ed-f4d9-473c-81f5-d84e5f9d8cbe
SCIP notification number (Czech Republic)	ac32af1c-e59c-44f7-95b1-3069a891362b
SCIP notification number (Denmark)	05d8d292-9bdc-4f63-8ed6-340a570c96f5
SCIP notification number (Finland)	c23f4e18-e1f6-4b32-b790-f1329545fbd2
SCIP notification number (France)	8786d695-c1bb-48c0-8db9-ae73a81863dc
SCIP notification number (Germany)	951e6b14-80f4-413e-be75-86b589d7ef70
SCIP notification number (Hungary)	6ac748de-366b-4fde-ae16-b4ec1a9dae6f
SCIP notification number (Italy)	69f1b12f-a721-4305-96a8-be7453ae705d
SCIP notification number (Netherlands)	9156a981-d436-406b-94e7-77018ef57636
SCIP notification number (Poland)	0b277272-cc14-414d-87c1-07780443d0f0
SCIP notification number (Romania)	d016d543-b96c-4cf9-83f3-0342cff692fb
SCIP notification number (Sweden)	6f81c7fa-cbd1-4438-abc6-d0a2a8c69ba8

**Approvals / Certificates**

General approvals			Approvals for hazardous areas		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03081	UL Underwriters Laboratories Inc. (HAZARDOUS LOCA- TIONS)	UL 121201	E198726
UL Underwriters Laboratories Inc.	UL 61010-2-201	UL-US- L175199-14-42709102-1_UL- CA- L175199-44-42709102-2			

**Downloads**

**Environmental Product Compliance**

Compliance Search	
Environmental Product Compliance 2789-9052	<a href="#">↓</a>

**Documentation**

Manual				Bid Text			
Product Manual Com- munication Module Modbus TCP; Commu- nication capacity	V 1.2.0 19.07.2023	pdf 14471.62 KB	<a href="#">↓</a>	2789-9052	11.05.2022	docx 29.10 KB	<a href="#">↓</a>
				2789-9052	11.05.2022	xml 5.64 KB	<a href="#">↓</a>

## 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