

| : 2789-9052

Communication module; Modbus TCP; communication capability

<https://www.wago.com/2789-9052>



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 $U_{i, nom}$	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)
Communication	Modbus (TCP, UDP)
ETHERNET protocols	HTTP(S) BootP DHCP SNTP
Configuration options	Web-Based Management
Visualization	Web-Visu
Baud rate	100 MBd (ETHERNET: 10/100 Mbit/s)

Safety and protection

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

Connection data

Connection type 1	Modbus TCP/UDP
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
Surrounding air 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 8.0	EC002498
ETIM 7.0	EC002498
PU (SPU)	1 Pieces
Country of origin VKOrg Germany	CN
GTIN	4055144095654
Customs tariff number VKOrg Germany	85044082900

Approvals and certificates

Ex-Approvals



UL
Underwriters Laboratories
Inc. (HAZARDOUS LOCA-
TIONS)

UL 121201

E198726

UL-Approvals



UL
Underwriters Laboratories
Inc. (ORDINARY LOCATI-
ONS)

UL 61010-2-201

E175199

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 2789-9052



Documentation

Manual

Communication Module
Modbus TCP

V 1.0.0
12.10.2021

pdf
4544.98 KB




Additional Information

Disposal; Electrical and
electronic equipment,
Packaging

V 1.0.0

pdf
259.56 KB



Instruction Leaflet

Communication Modu-
le; Modbus TCP

V 1.0.0
27.10.2021

pdf
3239.74 KB

