Data sheet | Item number: 2789-9015

Communication module; Modbus RTU; RJ45; communication capability

www.wago.com/2789-9015



Item description

Features:

- Communication module snaps onto Pro 2 Power Supplies' communication interface
- Modbus RTU (RS-485)
- Suitable for monitoring the subordinate power supply
- Function blocks for standard control systems available upon request
- Pluggable connection technology
- Marker slot for WAGO Marker Cards (WMB) and WAGO Marking Strips
- Requires RJ-45 terminating resistor (120 Ω) for long cables (2789-9915)

Data

Technical data

Test voltage (input/output)	AC 2 kV; 50 Hz; 1 min
Test voltage (input/output/shield)	1 kVAC; 50 Hz; 1 min
Protection class	III
Insulation type	Functional insulation
Protection type	IP20 (per EN 60529)
Pollution degree	2

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
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32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Nominal input voltage $U_{i\,nom}$	DC 5 V (SELV)
Input voltage range	DC 4.5 … 5.5 V(SELV)
Input current I_i	≤ 0.04 A
Signaling	1 x LED PWR (green) 1 x LED RxD (yellow) 1 x LED TxD (yellow)
Communication	Modbus RTU via RS-485
Baud rate	4.8 kBd … 115.2 kBd
Number of devices (max.)	247

Connection data

Pluggable connectors	2 x RJ-45
Transmission medium	Shielded copper cable

Physical data

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

Mechanical data

Mounting type	Snaps onto a Pro 2 Power Supply's communication interface (X4)

Material data

Weight	35 g

Environmental requirements

Surrounding air temperature (operation)	-25 … 70 °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

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	EN 61204-3 UL 61010-1 UL 61010-2-201 UL HazLoc

Commercial data

PU (SPU)	1 Stück
Country of origin	CN
GTIN	4055144020281
Customs tariff number	85044082900

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199

Optional accessories

Tool

Operating tool



Item no.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured
www.wago.com/210-720

Marking accessories

Marking strip



Item no.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white
www.wago.com/2009-110

Marker

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Item no.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

www.wago.com/2009-115

Downloads

Documentation

Manual

Communication Module Modbus RTU; RJ45 Communication capability	V 1.0.1 2020. 11. 16.	pdf 2.1 MB	Download

Bid Text

2789-9015 X81 - Datei	2020. 8. 24.	xml 5.1 kB	Download
2789-9015 docx - Datei	2020. 8. 24.	docx 17.5 kB	Download

Instruction Leaflet

WAGO Kommunikationsmodul Modbus RTU	V 1.1.0 2020. 12. 3.	pdf 3.1 MB	Download

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download

CAD/CAE-Data

CAE data

EPLAN Data Portal 2789-9015	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2789-9015 Communication module; Modbus RTU; RJ45; communication capability	URL	Download

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Installation Notes

Product family

Pro 2
Show all products from the family

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