



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

Input

Nominal input voltage [V]	DC 5 V (SELV)
Input voltage range	DC 4.5 ... 5.5 V(SELV)
Input current I _i	≤ 0.04 A

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

Signaling and communication

Signaling	1 x LED PWR (green) 1 x LED RxD (yellow) 1 x LED TxD (yellow)
Communication	Modbus RTU
Baud rate	4.8 kBd ... 115.2 kBd
Number of devices (max.)	247

Safety and protection

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

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)
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Material data

Weight	35 g
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Environmental requirements

Surrounding air temperature (operation)	-25 ... 70 °C
Surrounding air temperature (storage)	-40 ... 85 °C
Relative humidity	5 ... 95 % (no condensation permissible)

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



Operating altitude (max.)	5000 m
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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 UL HazLoc

Commercial data

Packaging type	BOX
Country of origin	CN
GTIN	4055144020281
Customs tariff number	8504409580

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

Marking accessories

Item no.: 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

www.wago.com/2009-110

Item no.: 2009-115

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

WAGO Corporation
 Germantown, WI 53022
 Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
 Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
 We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

www.wago.com/2009-115**General accessories**

Item no.: 2789-9915

Modbus RTU termination resistor; RJ45

www.wago.com/2789-9915**Tools**

Item no.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-720**Downloads****Documentation****Manual**

Communication Module Modbus RTU; RJ45

V 1.0.1

pdf

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Communication capability

Nov 16, 2020

2.1 MB

Bid Text

2789-9015

Aug 24, 2020

xml

Download

X81 - Datei

5.1 kB

2789-9015

Aug 24, 2020

docx

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17.5 kB

Instruction Leaflet

WAGO Kommunikationsmodul Modbus RTU

V 1.1.0

pdf

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Dec 3, 2020

3.1 MB

Additional Information

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

pdf

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265.8 kB

CAD files**CAE data**

EPLAN Data Portal 2789-9015

URL

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2789-9015

URL

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Communication module; Modbus RTU; RJ45; communication capability

Installation Notes

Product family

Pro 2

[Show all products from the family](#)



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