

Data sheet | Item number: 289-105

Component module with diode; with 9 pcs; Diode 1N5408; 2,50 mm²

www.wago.com/289-105



**Data
Notes**

Note

Max. permissible forward current per the manufacturer's data sheet.
With all diodes loaded, the continuous current must be reduced to
0.45 A.

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

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Electrical data

Operating voltage	≤ AC/DC 250 V
Peak reverse voltage	1000 V
Rectified current for each diode (resistive)	3 A
Forward voltage per diode	1.3 V
Forward current per diode (resistive)	3 A
Leakage current	10 μA

Safety and protection

Rated voltage	250 V
Rated surge voltage	4 kV
Pollution degree	2
Protection type	IP00; Notice! Live parts can be easily touched! Protection against direct contact must be provided by the equipment manufacturer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be observed for each individual application.

Connection data

Connection technology	CAGE CLAMP®
WAGO connector	WAGO 736 Series
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches
Note (conductor cross-section)	12 AWG: THHN, THWN

Physical data

Width	51 mm / 2.008 inches
Height	85 mm / 3.346 inches
Height from upper-edge of DIN-rail	82.5 mm / 3.25 inches
Depth	52 mm / 2.047 inches
Depth from upper-edge of DIN-rail	48 mm / 1.89 inches

Mechanical Data

Mounting type	DIN-35 rail
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Housing design

Mounting carrier

Material Data

Fire load

0.534 MJ

Weight

80.6 g

Environmental requirements

Ambient temperature (operation)

-25 ... +40 °C

Commercial data

Product Group

6 (INTERFACE ELECTRONIC)

eCl@ss 10.0

27-14-11-27

eCl@ss 9.0

27-14-11-49

ETIM 8.0

EC000903

ETIM 7.0

EC000903

Recupel Type

PU (SPU)

10 (1) pcs

Packaging type

box

Country of origin

DE

GTIN

4045454198282

Customs tariff number

85369010000

Environmental Product Compliance

RoHS Compliance Status

Compliant,With Exemption

RoHS Exemption

6(c)
7(a)
7(c)-I
7(c)-II

SCIP notification number (Bulgaria)

051bb2a9-5315-4f37-b0e3-aeb042beb2da

SCIP notification number (Czech Republic)

dd3b9fed-68b1-4d60-8abb-e06327e7f4ca

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122

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Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Optional accessories

Ferrule

Ferrule	
Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-203
Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-202
Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-204
Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-201
Item no.: 216-223 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-223
Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	www.wago.com/216-241
Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	www.wago.com/216-242
Item no.: 216-222 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-222
Item no.: 216-221 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-221
Item no.: 216-224 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-224
Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	www.wago.com/216-243
Item no.: 216-244 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-244
Item no.: 216-263	

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Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red www.wago.com/216-263

Item no.: 216-264

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black www.wago.com/216-264

Item no.: 216-262

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray www.wago.com/216-262

Item no.: 216-301

Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow www.wago.com/216-301

Item no.: 216-321

Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow www.wago.com/216-321

Item no.: 216-322

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise www.wago.com/216-322

Item no.: 216-302

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise www.wago.com/216-302

Marking accessories

Marking strip

Item no.: 210-831

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white www.wago.com/210-831

Item no.: 210-832

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white www.wago.com/210-832

Item no.: 709-196

Marking strips; for laser printer; translucent www.wago.com/709-196

Item no.: 709-178

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white www.wago.com/709-178

Item no.: 709-177

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent www.wago.com/709-177

Mounting

Cover carrier

Item no.: 709-167

Cover carrier; Type 1; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray www.wago.com/709-167

Cover

Item no.: 709-153

Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent www.wago.com/709-153

Tool

Operating tool

Item no.: 210-720

www.wago.com/210-720

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

Downloads

Documentation

Bid Text

289-105 X81 - Datei	2019 年2月19 日	xml 3.9 kB	Download
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289-105 doc - Datei	2015 年2月11 日	doc 26.6 kB	Download
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Instruction Leaflet

		pdf 1.3 MB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 289-105		URL	Download
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CAE data

WSCAD Universe 289-105		URL	Download
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ZUKEN Portal 289-105		URL	Download
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EPLAN Data Portal 289-105		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-105 Component module with diode; with 9 pcs; Diode 1N5408; 2,50 mm ²		URL	Download
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Installation Notes

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