

Data sheet | Item number: 289-121

Component module with diode; with 14 pcs; Diode 1N4007; with common anode; 2,50 mm²



www.wago.com/289-121



**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
Forward voltage per diode	1.1 V
Forward current per diode (resistive)	1 A
Leakage current	50 μA

Safety and protection

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 236 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	42.5 mm / 1.673 inches
Height from the surface	31.5 mm / 1.24 inches
Depth	62.5 mm / 2.461 inches

Mechanical Data

Mounting type	Mounting on DIN-rail via DIN-rail adapter
Housing design	PCB

Material Data

Weight	25.3 g
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Subject to changes. Please also observe the further product documentation!



Environmental requirements

Ambient temperature (operation)	-25 ... +40 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	≤ 85% (non-condensing)
Operating altitude (max.)	2000 m

Standards and specifications

Standards/specifications	EN 61010-2-201
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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)	50 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454193027
Customs tariff number	85369010000

Environmental Product Compliance

CAS-No.	7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a) 7(c)-I
SCIP notification number (Austria)	bb8a0b0e-3964-4120-8e1c-27204a68aba9
SCIP notification number (Belgium)	d29bd272-bc7c-4a8c-a541-1c0b42b14821
SCIP notification number (Bulgaria)	24f739dd-8317-45a7-8980-1510efe55520
SCIP notification number (Czech Republic)	de65635f-189e-4b60-b7b1-48b37fcbce93
SCIP notification number (Denmark)	0fc6bb6e-77af-4b34-8aea-9e6aa426b88b
SCIP notification number (Finland)	1c32d05a-fa8a-47f3-9632-b7411ac1844c
SCIP notification number (France)	3eb75477-7c50-44a0-9f9e-1eb744efccbc

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SCIP notification number (Germany)	2b15fbc9-2491-4083-af0a-2e06d361f922
SCIP notification number (Hungary)	f6e7d9c9-e05b-4f92-97a3-0c8a9084acdb
SCIP notification number (Italy)	afc9c10b-6fd0-4112-9ff1-36402180ea5e
SCIP notification number (Netherlands)	e42ec1b7-00e6-4fcf-b0f1-63538a9fa38b
SCIP notification number (Poland)	d2f4ac0c-5b1c-402a-8d17-45565173e323
SCIP notification number (Romania)	2e4ea159-22f6-4859-80a8-cfcfb994f213
SCIP notification number (Sweden)	f8922ba3-ecb8-48bc-b661-796ed0b482ad

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 /19

Required accessories

Mounting

Mounting carrier and mounting feet		
Item no.: 288-001	Mounting carrier; gray	www.wago.com/288-001
Item no.: 288-002	Universal mounting foot; snap-fit type; suitable for DIN 15, 35 and 32 rails; gray	www.wago.com/288-002

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.: 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

Mounting

Cover carrier		
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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
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 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/216-263
Item no.: 216-264 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight	www.wago.com/216-264

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crimped; acc. to DIN 46228, Part 4/09.90; black

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

Downloads**Documentation****Bid Text**

289-121 X81 - Datei	2019 年2月19 日	xml 3.6 kB	Download
289-121 doc - Datei	2015 年2月11 日	doc 25.6 kB	Download

Instruction Leaflet

pdf
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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 289-121	URL	Download
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CAE data

ZUKEN Portal 289-121	URL	Download
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Compliance Search

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2,50 mm²

Installation Notes

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