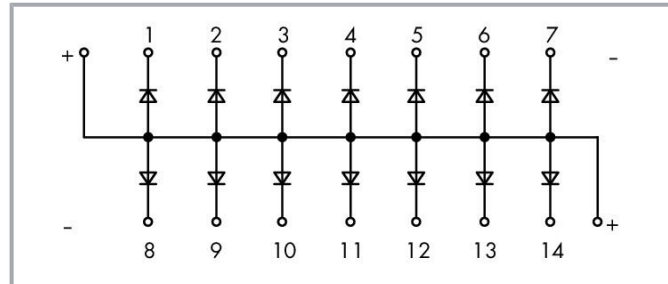
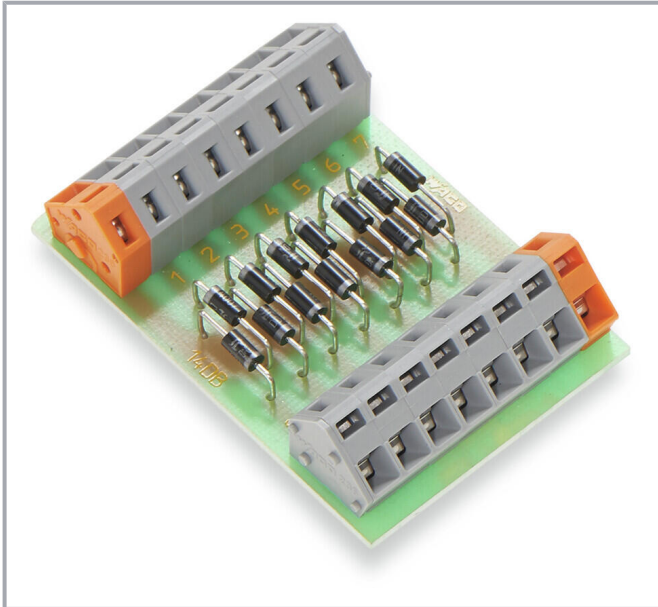


Data sheet | Item number: 289-121

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

www.wago.com/289-121



Data Notes

Note

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

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

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

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Hansastr. 27
32423 Minden
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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.
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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
Height from upper-edge of DIN-rail	82.5 mm / 3.25 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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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
PU (SPU)	50 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454193027
Customs tariff number	8536901000

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	6(c) 7(a) 7(c)-I 7(c)-II
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
SCIP notification number (Germany)	2b15fcbcb-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

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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

Ferrule

Ferrule



Item no.: 216-203
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red

www.wago.com/216-203

Item no.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

www.wago.com/216-202

Item no.: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

www.wago.com/216-204

Item no.: 216-201
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white

www.wago.com/216-201

Item no.: 216-223
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red

www.wago.com/216-223

Item no.: 216-241
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white

www.wago.com/216-241

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

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	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 crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-264
	Item no.: 216-284 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/216-284
	Item no.: 216-262 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/216-262
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-301
	Item no.: 216-321 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-321
	Item no.: 216-322 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; light turquoise	www.wago.com/216-322
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 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

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

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

Downloads

Documentation

Bid Text

289-121 X81 - Datei	2019 Feb 19	xml 3.6 kB	Download
289-121 doc - Datei	2015 Feb 11	doc 25.6 kB	Download

Instruction Leaflet

pdf
1.3 MB

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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	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
WSCAD Universe 289-121	URL	Download
EPLAN Data Portal 289-121	URL	Download

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-121

URL

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

Installation Notes

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