

Data sheet | Item number: 289-111

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

www.wago.com/289-111



**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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We are always happy to take your call at +49 (571) 887-44222.



Electrical data

Operating voltage	≤ AC/DC 250 V
Peak reverse voltage	1000 V
Rectified current for each diode (resistive)	1 A
Forward voltage per diode	1.1 V
Forward current per diode (resistive)	1 A
Leakage current	50 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 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	32 mm / 1.26 inches
Depth	62.5 mm / 2.461 inches

Mechanical Data

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

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Material Data

Weight	25.6 g
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Environmental requirements

Ambient temperature (operation)	-25 ... +40 °C
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Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
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eCl@ss 10.0	27-14-11-27
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eCl@ss 9.0	27-14-11-49
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ETIM 8.0	EC000903
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ETIM 7.0	EC000903
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Recupel Type	
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PU (SPU)	50 (1) pcs
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Packaging type	box
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Country of origin	DE
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GTIN	4045454192761
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Customs tariff number	85369010000
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Environmental Product Compliance

CAS-No.	7439-92-1 79-94-7
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REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Lead
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RoHS Compliance Status	Compliant,With Exemption
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RoHS Exemption	7(a) 7(c)-I
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SCIP notification number (Austria)	8d3ff2d5-b591-4e51-9d39-3424bd391e82
------------------------------------	--------------------------------------

SCIP notification number (Belgium)	96ca9689-b508-42b9-ab5e-d3f67dfc8da6
------------------------------------	--------------------------------------

SCIP notification number (Bulgaria)	0f8b4f87-cf19-4f7b-ae3-fcc1dbf31127
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SCIP notification number (Czech Republic)	4b291d39-5af9-4a09-9048-2a8203e2a22f
-------------------------------------------	--------------------------------------

SCIP notification number (Denmark)	8d9f09f2-bdd5-422e-96b4-ba0912a74ea7
------------------------------------	--------------------------------------

SCIP notification number (Finland)	e7fa87ba-32e0-4249-ab19-73bc2a29ff9c
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SCIP notification number (France)	b9c1b78a-9ae4-4e56-a5fa-dce4db66dc0f
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SCIP notification number (Germany)	7f7d7235-33e7-4211-ac4d-e29c8b42f806
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SCIP notification number (Hungary)	577067a2-858d-489f-b5a0-dbc75d281d4d
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SCIP notification number (Italy)	10e53c66-3123-4983-9c39-b29252731b82
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SCIP notification number (Netherlands)	031570be-fff6-494d-80c6-b4f25ffc2768
SCIP notification number (Poland)	d13d8daa-9727-47b7-ab67-d8297a04c70f
SCIP notification number (Romania)	2f93e3af-a5ce-4c3c-9825-14bd894cea3b
SCIP notification number (Sweden)	00b21fbc-11e1-401a-b0de-79d58c6b567d

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

Optional accessories

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
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
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	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

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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 crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-264
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

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**Item no.: 216-321**Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellowwww.wago.com/216-321**Item no.: 216-322**Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoisewww.wago.com/216-322**Item no.: 216-302**Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoisewww.wago.com/216-302**Downloads****Documentation****Bid Text**

289-111 X81 - Datei	2019 年2月19 日	xml 3.6 kB	Download
289-111 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**CAE data**

WSCAD Universe 289-111	URL	Download
EPLAN Data Portal 289-111	URL	Download

Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 289-111 Component module with diode; with 14 pcs; Diode 1N4007; with common cathode; 2,50 mm ²	URL	Download
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Installation Notes

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