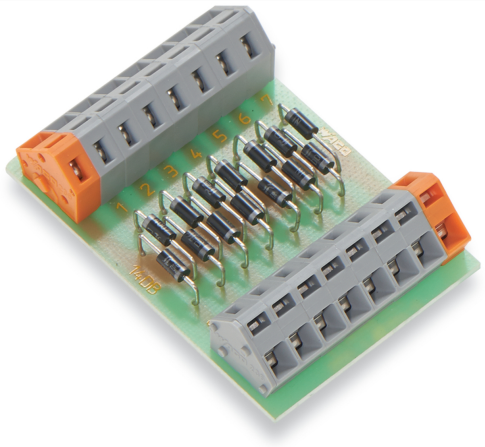
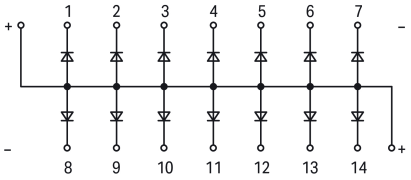
Data Sheet | Item Number: 289-121

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

https://www.wago.com/289-121





Notes

Safety Information	**Notice!** Accessible live parts! Protection against accidental contact must be provided by the system installer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be followed for each specific application.
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.

Electrical data

Operating voltage	≤ 250 VAC/VDC
Peak reverse voltage	1000 V
Type of diode	1N4007; with common anode
Number/type of diode/LED	14 diodes
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

Connection Data

Note (conductor cross-section)	12 AWG: THHN, THWN

Connection 1

Connection technology	CAGE CLAMP®
WAGO connector	WAGO 236 Series
Solid conductor	0.08 … 2.5 mm² / 28 … 12 AWG
Fine-stranded conductor	0.08 … 2.5 mm² / 28 … 12 AWG
Strip length	5 … 6 mm / 0.2 … 0.24 inches

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

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

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	50 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454193027
Customs tariff number	85369010000

Product Classification

UNSPSC	39121629
eCl@ss 10.0	27-14-11-27
eCl@ss 9.0	27-14-11-49
ETIM 9.0	EC000903
ETIM 10.0	EC000903
ECCN	NO US CLASSIFICATION

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)
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

Continued on next page

Environmental Product Compliance

SCIP notification number (Germany)	2b15fbcb-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

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-121

Documentation

Bid Text

289-121	11.02.2015	doc 25.00 KB
289-121	19.02.2019	xml 3.50 KB

Instruction Leaflet

Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB

CAD/CAE-Data

CAD data

2D/3D Models 289-121

CAE data

EPLAN Data Portal 289-121

WSCAD Universe 289-121

ZUKEN Portal 289-121

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1 Compatible Products

1.1 Required Accessories

1.1.1 Installation

1.1.1.1 Mounting carrier and mounting feet



Item No.: 288-001
Mounting carrier; gray



Item No.: 288-002
Universal mounting foot; snap-fit type; suitable for DIN 15, 35 and 32 rails; gray

1.2 Optional Accessories

1.2.1 Ferrule

1.2.1.1 Ferrule



Item No.: 216-321
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow

Item No.: 216-322
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise

Item No.: 216-221
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white

Item No.: 216-222
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

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



Item No.: 216-224
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

1.2.2 Installation

1.2.2.1 Cover



Item No.: 709-153
Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

1.2.2.2 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

Continued on next page

1.2.3 Marking

1.2.3.1 Marking strip



Item No.: 210-831
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white



Item No.: 210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

1.2.4 Tool

1.2.4.1 Operating tool



Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured