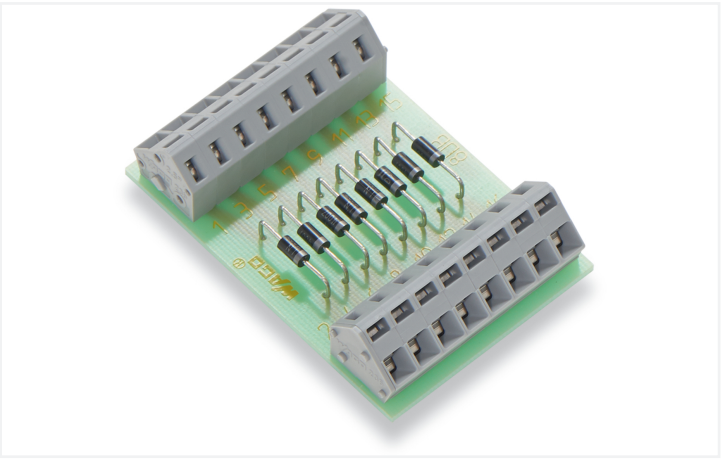
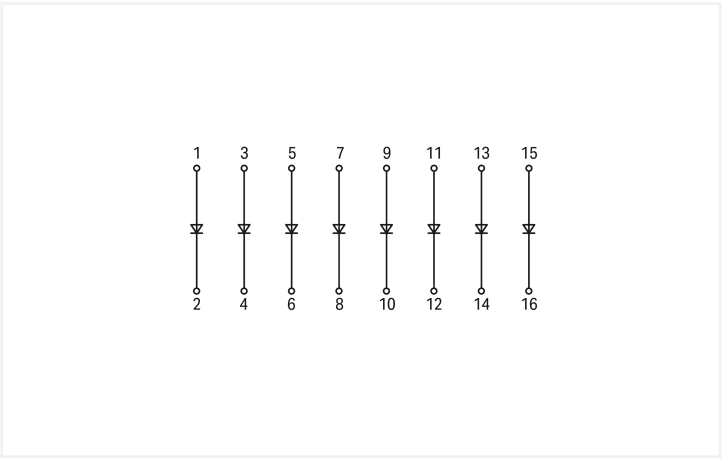
Data Sheet | Item Number: 289-101

Component module with diode; with 8 pcs; Diode 1N4007; 2,50 mm²

https://www.wago.com/289-101





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
Number/type of diode/LED	8 diodes
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 impulse withstand voltage	4 kV
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	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

Material data

Fire load	0.898 MJ
Weight	24.9 g

Environmental requirements

Ambient temperature (operation)	-25 … +40 °C

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	50 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454192747
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)	5ada6374-77eb-424f-80eb-723f2fcafa07
SCIP notification number (Belgium)	334a18ff-925a-43ad-bcfd-8f79e07c93af
SCIP notification number (Bulgaria)	f93dfea6-a1e4-4818-83f0-76cd0c3f6e0a
SCIP notification number (Czech Republic)	58dd743d-1e10-4f3c-8f51-25fb489e6606
SCIP notification number (Denmark)	3aea2fcd-83d1-4517-9d02-acbba9c44c2a
SCIP notification number (Finland)	b41d96c4-6f03-48ea-b791-97a137455463
SCIP notification number (France)	847466ac-6d80-4a82-aeaa-d8ecd4fb5a71
SCIP notification number (Germany)	15085832-342e-4261-943d-69ad3d833846
SCIP notification number (Hungary)	141f2cca-4028-47db-ba01-478f0c455a8f
SCIP notification number (Italy)	559918c4-b26a-4371-83a1-2d70cc3a17ac
SCIP notification number (Netherlands)	e201b11c-c03f-4da9-9729-fb3b49487a83
SCIP notification number (Poland)	0dcb713b-babc-4de5-bee0-ece9d55f208f
SCIP notification number (Romania)	bd96b97d-f9e1-4c1a-93d0-494bb2dfc80e

Continued on next page

Environmental Product Compliance

SCIP notification number (Sweden)	b68e3c3f-85ec-4501-8c10-f9500a348888

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 289-101

Documentation

Bid Text

289-101	19.02.2019	xml 3.50 KB
289-101	11.02.2015	doc 24.50 KB

Instruction Leaflet

Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB

CAD/CAE-Data

CAE data

EPLAN Data Portal 289-101

WSCAD Universe 289-101

 Continued on next page

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 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

1.1.2 Installation

1.1.2.1 Cover



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

1.1.2.2 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

1.1.2.3 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

1.1.3 Marking

1.1.3.1 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

Continued on next page

1.1.4 Tool

1.1.4.1 Operating tool



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