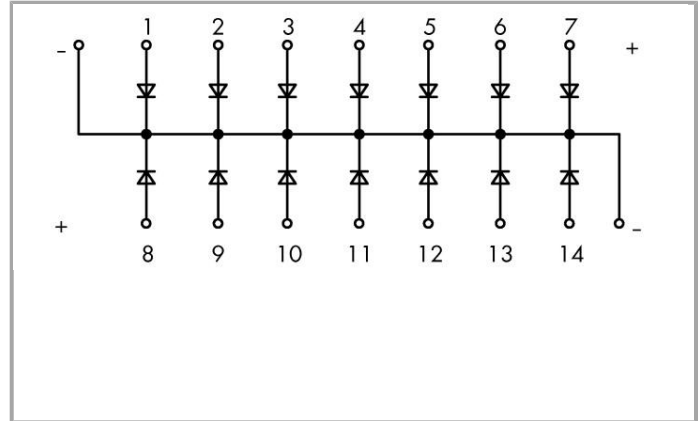


## Data sheet | Item number: 289-111

Component module with diode; with 14 pcs; Diode 1N4007; with common cathode



[www.wago.com/289-111](http://www.wago.com/289-111)



### Item description

#### Note:

\* Max. admissible current acc. to the manufacturer's data sheet. With all diodes loaded, the continuous current must be reduced.

### Data

#### Electrical data

Operating voltage	≤ 250 V AC/DC
Peak reverse voltage	1000 V
Rectified current for each diode	1 A
Forward voltage for each Diode	1.1 V
Forward current (resistent) for each diode	1 A
Leakage current	50 μA

#### Safety and protection:

Rated voltage	250 V
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Rated impulse voltage	4 kV
Pollution degree	2
Degree of protection	IP00*
Note on Protection Type	* Notice! Live conductors! Protection against direct contact must be provided by the equipment builder, e.g., using a WAGO 709 Series cover (see Accessories) or a similar cover. The installation requirements for the particular application must be observed.

### Connection data

Connection technology	CAGE CLAMP®
WAGO terminal	WAGO 236 Series
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 Inch
Note (conductor cross-section)	12 AWG: THHN, THWN

### Geometrical Data

Width	47 mm / 1.85 inch
Height from upper-edge of DIN-35 rail	31.5 mm / 1.24 inch
Depth	65.5 mm / 2.579 inch

### Mechanical data

Type of mounting	Mounting on carrier rail via carrier rail adapter
Housing design	PCB

### Material Data

Fire load	0.41 MJ
Weight	25.6 g

### Environmental Requirements

Surrounding air (operating) temperature	-25 ... 40 °C
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### Commercial data

Country of origin	DE
GTIN	4045454192761
Customs Tariff No.	85369010000
Product Group	6 (Interface Electronics)

### Compatible products

#### General accessories



**Item no.: 288-001**  
Mounting carrier

[www.wago.com/288-001](http://www.wago.com/288-001)



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

[www.wago.com/288-002](http://www.wago.com/288-002)

#### assembling



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

[www.wago.com/709-153](http://www.wago.com/709-153)



**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

[www.wago.com/709-167](http://www.wago.com/709-167)

#### Marking accessories



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

[www.wago.com/210-831](http://www.wago.com/210-831)



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

[www.wago.com/210-832](http://www.wago.com/210-832)

#### tools



**Item no.: 210-720**  
Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

[www.wago.com/210-720](http://www.wago.com/210-720)

#### ferrule



**Item no.: 216-201**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; insulated; electro-tin plated

[www.wago.com/216-201](http://www.wago.com/216-201)



**Item no.: 216-202**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; insulated; electro-tin plated

[www.wago.com/216-202](http://www.wago.com/216-202)



**Item no.: 216-203**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated

[www.wago.com/216-203](http://www.wago.com/216-203)



**Item no.: 216-204**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated

[www.wago.com/216-204](http://www.wago.com/216-204)



**Item no.: 216-221**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; insulated; electro-tin plated

[www.wago.com/216-221](http://www.wago.com/216-221)



**Item no.: 216-222**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; insulated; electro-tin plated

[www.wago.com/216-222](http://www.wago.com/216-222)



**Item no.: 216-223**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated

[www.wago.com/216-223](http://www.wago.com/216-223)














**Item no.: 216-224**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated

[www.wago.com/216-224](http://www.wago.com/216-224)



**Item no.: 216-241**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

[www.wago.com/216-241](http://www.wago.com/216-241)

	<b>Item no.: 216-242</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-242">www.wago.com/216-242</a>
	<b>Item no.: 216-243</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-243">www.wago.com/216-243</a>
	<b>Item no.: 216-244</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-244">www.wago.com/216-244</a>
	<b>Item no.: 216-262</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-262">www.wago.com/216-262</a>
	<b>Item no.: 216-263</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-263">www.wago.com/216-263</a>
	<b>Item no.: 216-264</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-264">www.wago.com/216-264</a>
	<b>Item no.: 216-284</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-284">www.wago.com/216-284</a>
	<b>Item no.: 216-301</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	<a href="http://www.wago.com/216-301">www.wago.com/216-301</a>
	<b>Item no.: 216-302</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	<a href="http://www.wago.com/216-302">www.wago.com/216-302</a>
	<b>Item no.: 216-321</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	<a href="http://www.wago.com/216-321">www.wago.com/216-321</a>
	<b>Item no.: 216-322</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	<a href="http://www.wago.com/216-322">www.wago.com/216-322</a>

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

289-111	Jan 15, 2016	DOC	Download
Interface-Bausteine mit Sonderfunktionen		25.6 kB	

**Additional Information**

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018		Download
		265.8 kB	



Subject to changes.

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WAGO Kontakttechnik GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.