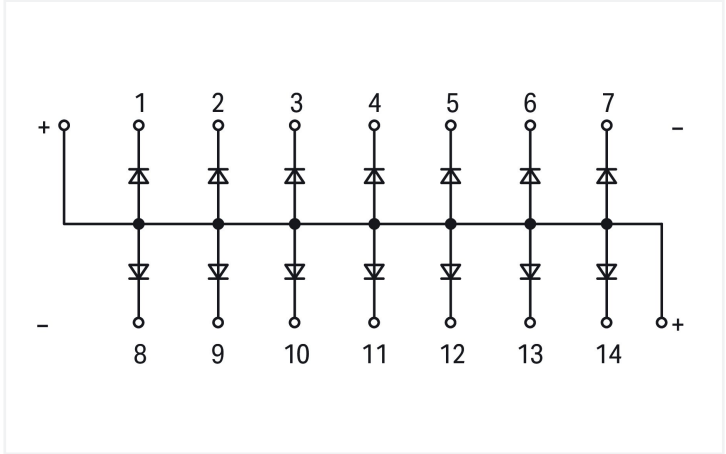
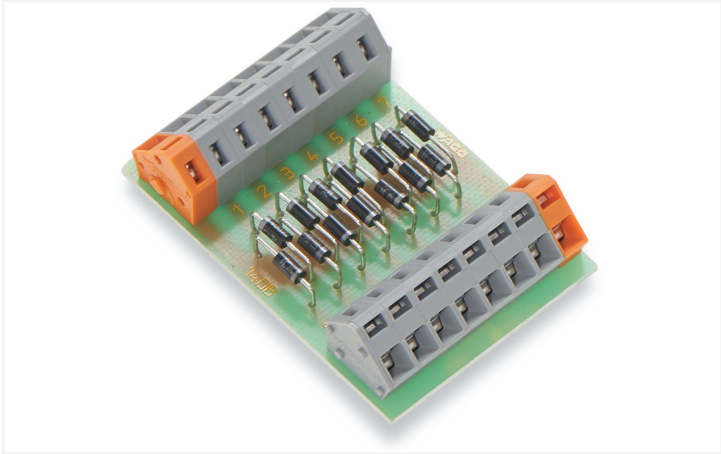




Notes	
Safety Information	Notice! Live parts can be easily touched! Protection against direct contact must be provided by the equipment manufacturer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be observed for each individual application.
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	
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
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
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 MJ
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)
eCl@ss 10.0		27-14-11-27
eCl@ss 9.0		27-14-11-49
ETIM 9.0		EC000903
ETIM 8.0		EC000903
PU (SPU)		50 (1) pcs
Packaging type		Box
Country of origin		DE
GTIN		4045454193027
Customs tariff number		85369010000

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) 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-b7b1-48b37fcfce93
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)		2b15fbcb-2491-4083-af0a-2e06d361f922
SCIP notification number (Hungary)		f6e7d9c9-e05b-4f92-97a3-0c8a9084acdb
SCIP notification number (Italy)		afc9c10b-6fd0-4112-9ff1-36402180ea5e



Environmental Product Compliance	
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		
	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	



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
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1.2 Optional Accessories
1.2.1 Ferrule
1.2.1.1 Ferrule



Item No.: 216-301
Ferrule; Sleeve for 0.25 mm² / AWG 24; in-
sulated; electro-tin plated; yellow



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



Item No.: 216-302
Ferrule; Sleeve for 0.34 mm² / 22 AWG; in-
sulated; electro-tin plated; light turquoise



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



Item No.: 216-201
Ferrule; Sleeve for 0.5 mm² / 20 AWG; in-
sulated; electro-tin plated; electrolytic
copper; acc. to DIN 46228, Part 4/09.90; white



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



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



Item No.: 216-242
Ferrule; Sleeve for 0.75 mm² / 18 AWG; in-
sulated; electro-tin plated; electrolytic
copper; gastight crimped; acc. to DIN
46228, Part 4/09.90; gray



Item No.: 216-262
Ferrule; Sleeve for 0.75 mm² / 18 AWG; in-
sulated; electro-tin plated; electrolytic
copper; gastight crimped; acc. to DIN
46228, Part 4/09.90; gray



Item No.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; in-
sulated; electro-tin plated; gray



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



Item No.: 216-243
Ferrule; Sleeve for 1 mm² / AWG 18; insu-
lated; electro-tin plated; electrolytic cop-
per; gastight crimped; acc. to DIN 46228,
Part 4/09.90; red



Item No.: 216-263
Ferrule; Sleeve for 1 mm² / AWG 18; insu-
lated; electro-tin plated; electrolytic cop-
per; gastight crimped; acc. to DIN 46228,
Part 4/09.90; red



Item No.: 216-203
Ferrule; Sleeve for 1 mm² / AWG 18; insu-
lated; electro-tin plated; red



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



Item No.: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; in-
sulated; electro-tin plated; black



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



Item No.: 216-244
Ferrule; Sleeve for 1.5 mm² / AWG 16; in-
sulated; electro-tin plated; electrolytic
copper; gastight crimped; acc. to DIN
46228, Part 4/09.90; black



Item No.: 216-264
Ferrule; Sleeve for 1.5 mm² / AWG 16; in-
sulated; electro-tin plated; electrolytic
copper; gastight crimped; acc. to DIN
46228, Part 4/09.90; black



Item No.: 216-284
Ferrule; Sleeve for 1.5 mm² / AWG 16; in-
sulated; electro-tin plated; electrolytic
copper; gastight crimped; acc. to DIN
46228, Part 4/09.90; 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

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