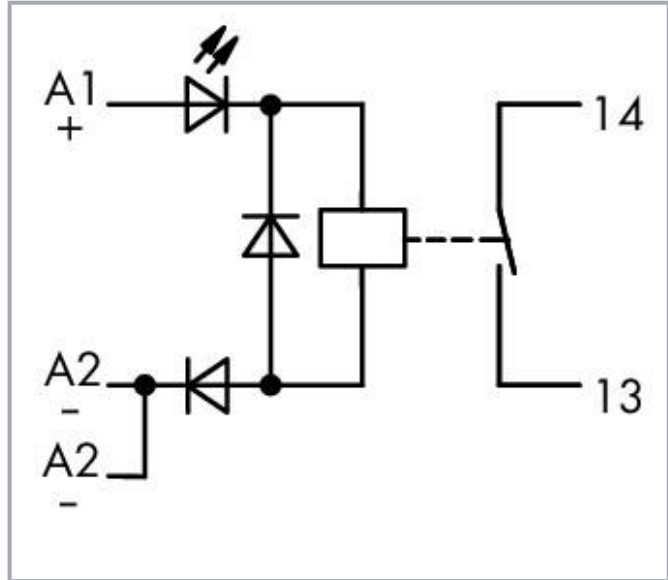


Data sheet | Item number: 288-320

Relay module; Nominal input voltage: 24 VDC; 1 make contact; Limiting continuous current: 16 A; for lamp loads; Module width: 21 mm

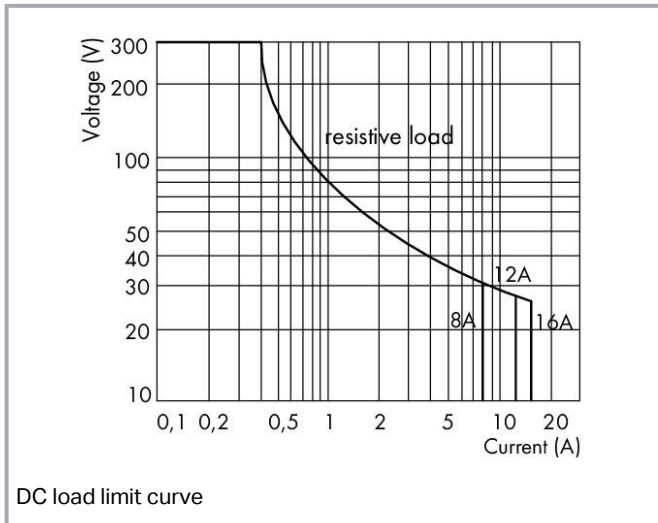
www.wago.com/288-320



Subject to changes. Please also observe the further product documentation!

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



Data

Technical data

Control circuit

Nominal input voltage U_N	DC 24 V
Input voltage range	$\pm 10\%$
Nominal input current at U_N	22 mA

Load circuit

Number of make/switch-on contacts	1
Contact material (relay)	AgSnO ₂
Limiting continuous current	16 A
Inrush current (resistive) max.	(AC) 25 A / 4 s
Switching voltage (max.)	AC 400 V
Switching power (resistive) max.	AC 4000 VA; DC (see load limit curve)
Recommended minimum load	12 V / 100 mA
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	2 ms
Bounce time (typ.)	2 ms
Mechanical life	30 x 10 ⁶ switching operations

Subject to changes. Please also observe the further product documentation!

Safety and protection

Rated voltage	300 V
Rated surge voltage	4 kV
Overvoltage category	II
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	3 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Insulation type (control/load circuit)	Reinforced insulation (safe isolation)
Insulation type (between adjacent devices of the same type)	Reinforced insulation (safe isolation)

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

Physical data

Width	20.5 mm / 0.807 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	47 mm / 1.85 inches

Mechanical data

Mounting type	DIN-35 rail
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Material data

Fire load	0.772 MJ
Weight	43.2 g

Environmental requirements

Ambient temperature (operation at U _N)	-25 ... +40 °C
Ambient temperature (storage)	-25 ... +70 °C
Processing temperature	-25 ... +50 °C

Subject to changes. Please also observe the further product documentation!



Standards and specifications

Standards/specifications

EN 61010-2-201

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 8.0	EC001437
ETIM 7.0	EC001437
Recupel Type	
ECCN	NO DATA
PU (SPU)	10 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454362492
Customs tariff number	85364900990

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
SCIP notification number (Austria)	87a1da90-7ef9-4daf-8a5f-a8146a38ebb7
SCIP notification number (Belgium)	a5ec296d-71cb-4bd9-937b-aa0fd266dc94
SCIP notification number (Bulgaria)	654805e2-ca56-4bea-b040-92f836ebe94c
SCIP notification number (Czech Republic)	f0143311-fe55-4984-89cc-3bec355a1d74
SCIP notification number (Denmark)	d842c17f-bd2e-4fc3-b8f8-b479662d8a69
SCIP notification number (Finland)	119c8c06-5bd5-4c50-b0b0-1450cc2c3485
SCIP notification number (France)	e9457767-c369-4282-810c-8ffd6aeb1312
SCIP notification number (Germany)	26ac1af8-1f13-4c1e-93a7-182339e9ab2a
SCIP notification number (Hungary)	c1e792b4-a3c3-4588-9961-c9b6c92b9f1f
SCIP notification number (Italy)	a154d057-a067-4b77-bc87-2fe4e05bb71b
SCIP notification number (Netherlands)	83c45180-a7d9-46c2-b289-07e354bfd7b2
SCIP notification number (Poland)	ed3246a7-c8e9-4776-b82b-9e9269447f56

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SCIP notification number (Romania)


0f2155a6-15bd-425b-9099-8e96818463bb

SCIP notification number (Sweden)

19fdef96-3c43-4e4b-8d3a-5bc647bfb1d0

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


Marking accessories

Marking strip

	Item no.: 709-196 Marking strips; for laser printer; translucent	www.wago.com/709-196
	Item no.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	www.wago.com/709-178
	Item no.: 709-177 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	www.wago.com/709-177

Tool

Operating 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
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Downloads

Documentation

Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
Electrical and electronic equipment, Batteries, Packaging	2022 Aug 18	2.2 MB	

Subject to changes. Please also observe the further product documentation!

CAD/CAE-Data

CAE data

EPLAN Data Portal 288-320	URL	Download
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WSCAD Universe 288-320	URL	Download
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CAD data

2D/3D Models 288-320	URL	Download
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Asset Administration Shell

Asset Administration Shell 288-320	URL	Download
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Environmental Product Compliance

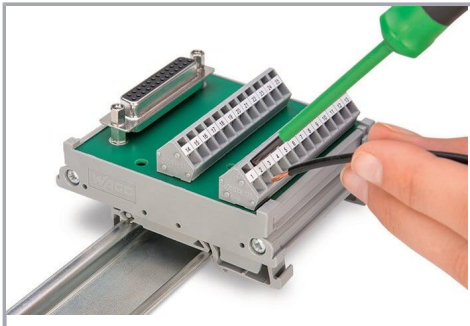
Compliance Search

Environmental Product Compliance 288-320	URL	Download
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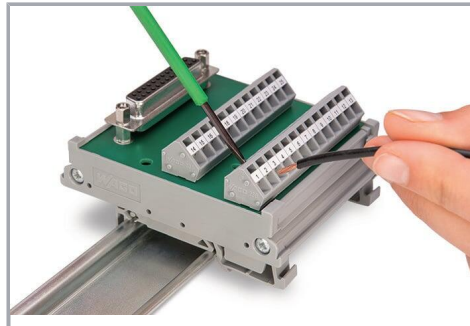
Relay module; Nominal input voltage: 24 VDC; 1 make contact; Limiting continuous current: 16 A; for lamp loads; Module width: 21 mm

Installation Notes

Conductor termination



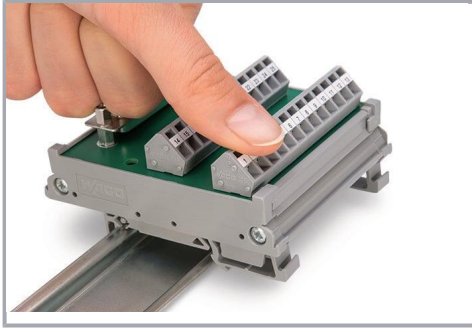
Conductor termination – screwdriver actuation parallel to conductor entry



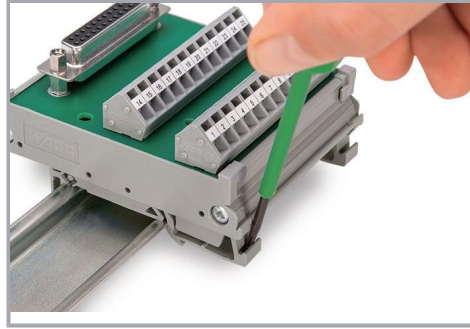
Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation

Subject to changes. Please also observe the further product documentation!



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

Subject to changes. Please also observe the further product documentation!