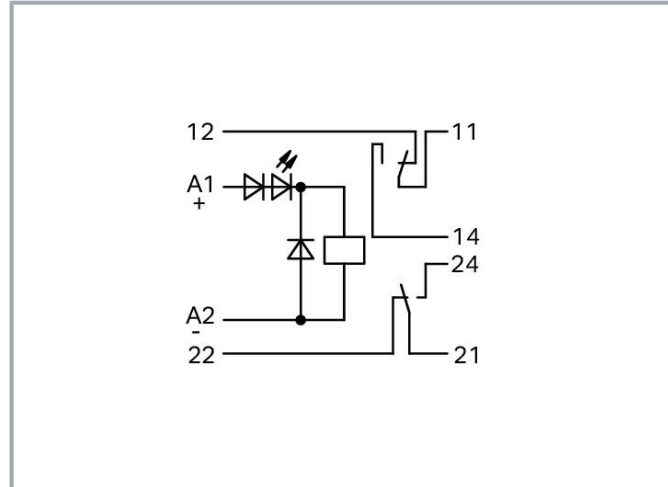


## Data sheet | Item number: 288-312

Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts;  
Limiting continuous current: 6 A; Module width: 23 mm; 2,50 mm<sup>2</sup>; gray

[www.wago.com/288-312](http://www.wago.com/288-312)



## 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

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.



## Load circuit

Number of changeover/switchover contacts	2
Contact material (relay)	AgNi 0.15
Limiting continuous current	6 A
Inrush current (resistive) max.	(AC) 14 A / 4 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) max.	AC 1500 VA
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	3 ms
Bounce time (typ.)	2 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10 <sup>3</sup> switching operations
Mechanical life	20 x 10 <sup>6</sup> switching operations

## Safety and protection

Rated voltage	250 V
Rated surge voltage	2.5 kV
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	2 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Dielectric strength (load/load circuit) (AC, 1 min)	1.5 kVrms

## Connection data

Connection technology	CAGE CLAMP®
WAGO connector	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 inches

## Physical data

Width	22.5 mm / 0.886 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	48 mm / 1.89 inches

## Mechanical data

Mounting type	DIN-35 rail
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Subject to changes. Please also observe the further product documentation!



## Material Data

Color	gray
Fire load	1.202 MJ
Weight	52 g

## Environmental requirements

Ambient temperature (operation at U <sub>N</sub> )	-25 ... +40 °C
Ambient temperature (storage)	-40 ... +80 °C
Processing temperature	-25 ... +50 °C

## Standards and specifications

Standards/specifications	EN 60664-1
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## 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
PU (SPU)	10 (1) pcs
Packaging type	box
Country of origin	CN
GTIN	4045454468293
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	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Bulgaria)	e8382ac7-8168-413a-bf99-a2bbf64633a5

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

## 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

	<b>Item no.: 709-196</b> Marking strips; for laser printer; translucent	<a href="http://www.wago.com/709-196">www.wago.com/709-196</a>
	<b>Item no.: 709-178</b> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/709-178">www.wago.com/709-178</a>
	<b>Item no.: 709-177</b> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	<a href="http://www.wago.com/709-177">www.wago.com/709-177</a>
<b>Tool</b>		
<b>Operating tool</b>		
	<b>Item no.: 210-720</b> Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>

## Downloads

### Documentation

#### Bid Text

288-312 docx - Datei	2019 Feb 20	docx 16.7 kB	Download
288-312	2019 Feb 19	xml	Download

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



X81 - Datei

4.1 kB

#### Additional Information

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

#### CAD/CAE-Data

##### CAD data

2D/3D Models 288-312	URL	Download
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##### CAE data

EPLAN Data Portal 288-312	URL	Download
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WSCAD Universe 288-312	URL	Download
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ZUKEN Portal 288-312	URL	Download
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#### Environmental Product Compliance

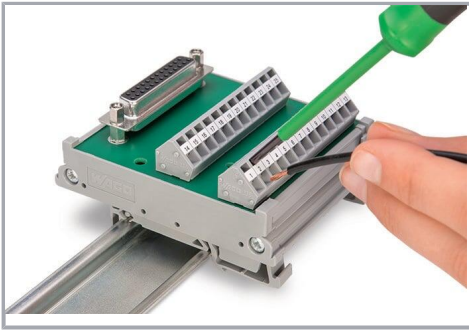
##### Compliance Search

Environmental Product Compliance 288-312	URL	Download
Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 6 A; Module width: 23 mm; 2,50 mm <sup>2</sup> ; gray		

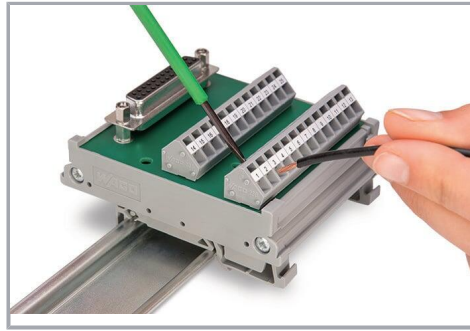
#### Installation Notes

##### Conductor termination

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

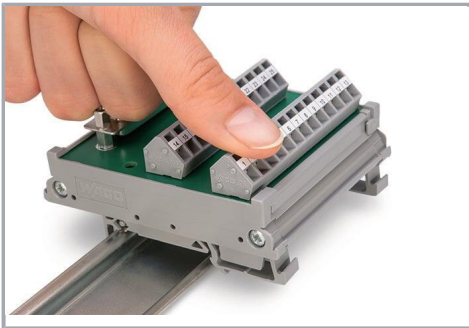


Conductor termination – screwdriver actuation parallel to conductor entry

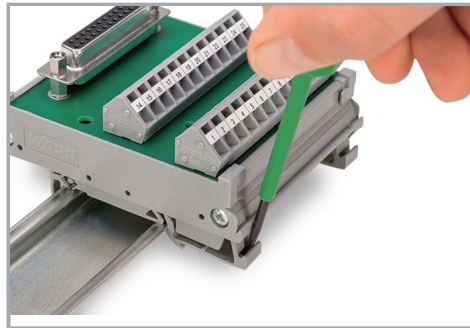


Conductor termination – screwdriver actuation perpendicular to conductor entry

### Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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