

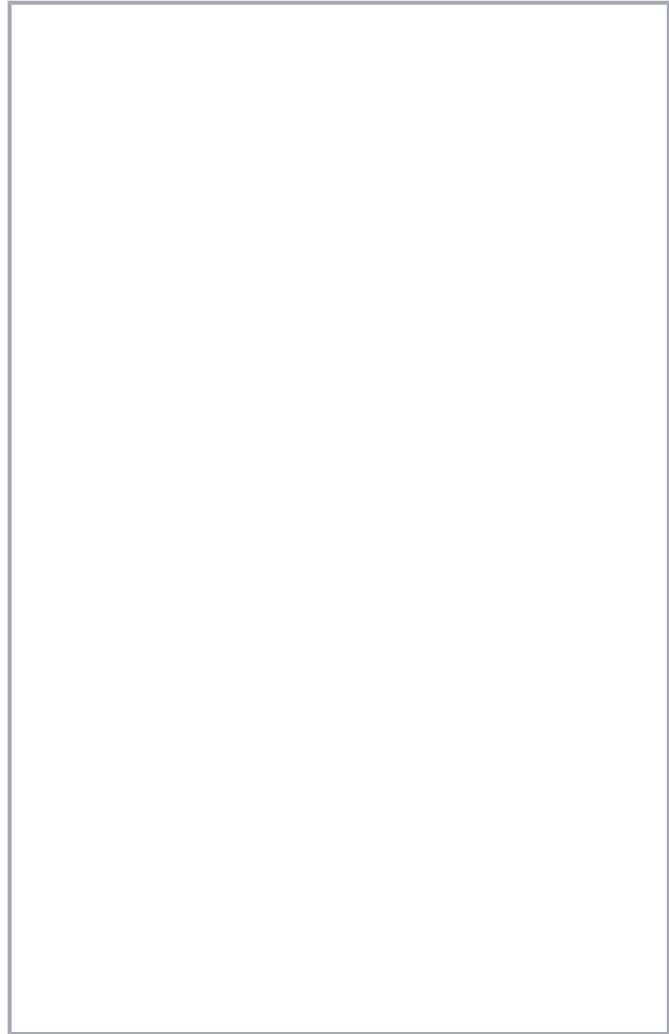
**Data sheet | Item number: 288-312**

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)



Color:



**Data**  
**Technical data**

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

WAGO 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.

## 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 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

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



## 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
---------------	-------------

## Material Data

Color	gray
Fire load	1.202 MJ
Weight	52.1 g

## Environmental requirements

Ambient temperature (operation at $U_N$ )	-25 ... +40 °C
Ambient temperature (storage)	-40 ... +80 °C
Processing temperature	-25 ... +50 °C

## Standards and specifications

Standards/specifications	EN 60664-1
--------------------------	------------

## 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	
PU (SPU)	10 (1) pcs
Packaging type	box
Country of origin	CN
GTIN	4045454468293
Customs tariff number	85364900990

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



## 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 (Bulgaria)	e8382ac7-8168-413a-bf99-a2bbf64633a5
SCIP notification number (Czech Republic)	e1f8d9ad-8150-40b8-9492-e9154a732dee

## 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		<a href="http://www.wago.com/709-196">www.wago.com/709-196</a>
Item no.: 709-178 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>
Item no.: 709-177 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>

### Tool

Operating tool		
Item no.: 210-720 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

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

WAGO 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.



288-312 docx - Datei	2019 年2月20 日	docx 16.7 kB	Download
-------------------------	--------------	-----------------	----------

288-312 X81 - Datei	2019 年2月19 日	xml 4.1 kB	Download
------------------------	--------------	---------------	----------

**Additional Information**

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	Download
---	-------------------------	---------------	----------

**CAD/CAE-Data**

**CAD data**

2D/3D Models 288-312		URL	Download
----------------------	--	-----	----------

**CAE data**

EPLAN Data Portal 288-312		URL	Download
---------------------------	--	-----	----------

WSCAD Universe 288-312		URL	Download
------------------------	--	-----	----------

ZUKEN Portal 288-312		URL	Download
----------------------	--	-----	----------

**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!