

Data sheet | Item number: 286-320

Relay module; Nominal input voltage: 24 VDC; 1 break and 1 make contact;
Limiting continuous current: 6 A; Red status indicator; Module width: 20 mm;
gray



www.wago.com/286-320



Color:

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

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Email: info.de@wago.com | Web: www.wago.com

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	8 mA

Load circuit

Number of break/switch-off contacts	1
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Number of make/switch-on contacts	1
Contact material (relay)	AgSnO ₂
Limiting continuous current	6 A
Inrush current (resistive) max.	(AC) 15 A / 1 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) max.	AC 1500 VA
Pull-in time (typ.)	10 ms
Drop-out time (typ.)	4 ms
Bounce time (typ.)	1 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10 ³ switching operations
Mechanical life	50 x 10 ⁶ switching operations

Signaling

Status indicator	Red LED
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Safety and protection

Rated voltage	250 V
Rated surge voltage	4 kV
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	3 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Dielectric strength (load/load circuit) (AC, 1 min)	1.5 kVrms
Protection type	IP20

Physical data

Width	20 mm / 0.787 inches
Height from upper-edge of DIN-rail	82.5 mm / 3.248 inches
Depth	52 mm / 2.047 inches

Mechanical data

Mounting type	Pluggable module for receptacle terminal blocks
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Material Data

Color	gray
Fire load	0.412 MJ
Weight	32.5 g

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



Environmental requirements

Ambient temperature (operation at U _N)	-25 ... +40 °C
Ambient temperature (storage)	-25 ... +70 °C
Processing temperature	-25 ... +50 °C
Relative humidity	5 ... 85 % (no condensation permissible)
Operating altitude (max.)	2000 m

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	DE
GTIN	4045454319502
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)	9d7003ef-b25f-4b80-855c-89caa37bf7a9
SCIP notification number (Belgium)	d579531f-1188-442c-9c9c-5b78184f16fb
SCIP notification number (Bulgaria)	8a57bb01-1bf4-43e8-9951-2db920be4c93
SCIP notification number (Czech Republic)	94bcf386-1260-4768-97ed-c489a64944a7
SCIP notification number (Denmark)	4be02374-0358-4a4c-9e35-57dceca46dfd
SCIP notification number (Finland)	a2158164-26d8-4b54-800d-dd2a7ada6a2b

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SCIP notification number (France)	9544d901-0698-406e-869c-dce3472d4529
SCIP notification number (Germany)	56d5ba19-6475-4f7b-92ec-37003dcf61f4
SCIP notification number (Hungary)	bdecba485-1342-46f2-9344-9143202bb38e
SCIP notification number (Italy)	48cabf70-5bcb-4dee-a21a-bc6811349ebf
SCIP notification number (Netherlands)	ced83616-569d-4ca0-b397-faddf7a33e41
SCIP notification number (Poland)	31aac873-600a-4a50-8dd9-ddd05c7c3ffe
SCIP notification number (Romania)	a3663d2f-67f1-431e-b8a6-fa7c957c7934
SCIP notification number (Sweden)	c5aa782d-b3f2-4a9f-a872-c9fe91bdbf15

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

Terminal blocks

Terminal block for pluggable modules
Item no.: 280-628 Terminal block for pluggable modules; 8-pole; with 4-conductor terminal blocks; with orange separator; www.wago.com/280-628 for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; gray
Item no.: 280-638 Terminal block for pluggable modules; 8-pole; with 2-conductor terminal blocks; with orange separator; www.wago.com/280-638 for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; gray
Item no.: 280-764 Terminal block for pluggable modules; 8-pole; with 4-conductor terminal blocks; with marker carrier; www.wago.com/280-764 with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; gray

Marking accessories

Marker
Item no.: 209-701 WSB marking card; as card; not stretchable; plain; snap-on type; white www.wago.com/209-701

Downloads

Documentation

Bid Text

286-320	2019 年2月19 日	xml	Download
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286-320 doc - Datei	2018 年3月22 日	doc	28.2 kB	Download
Instruction Leaflet				
		pdf	1.3 MB	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 286-320		URL		Download
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CAE data

WSCAD Universe 286-320		URL		Download
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ZUKEN Portal 286-320		URL		Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 286-320 Relay module; Nominal input voltage: 24 VDC; 1 break and 1 make contact; Limiting continuous current: 6 A; Red status indicator; Module width: 20 mm; gray		URL		Download
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Installation Notes

Installation

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Coding ensures correct polarity.



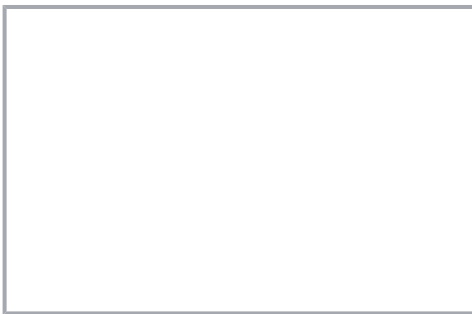
Pluggable electronic modules on 2- or 4-conductor carrier terminal blocks

Marking



Marking via WMB Multi Marking System.

Testing



Function testing via touch-proof test slots

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