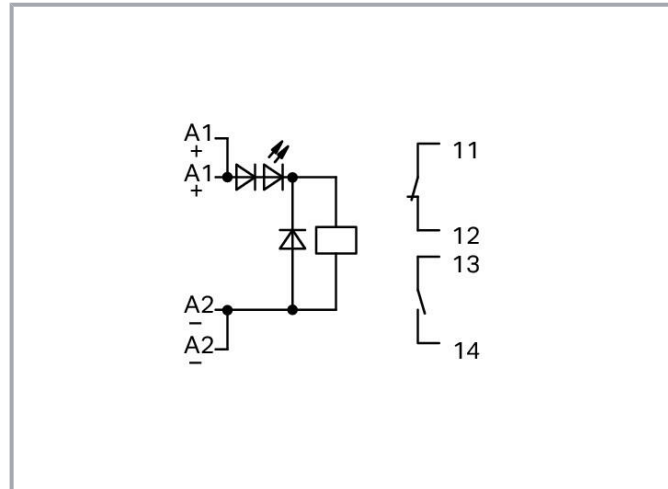
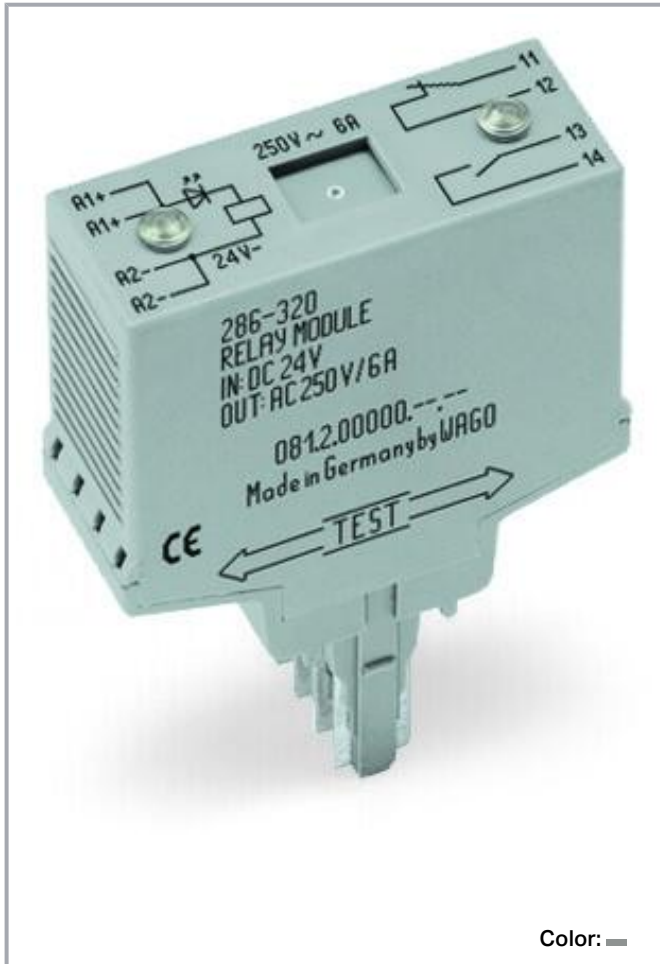


Data sheet | Item number: 286-320

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

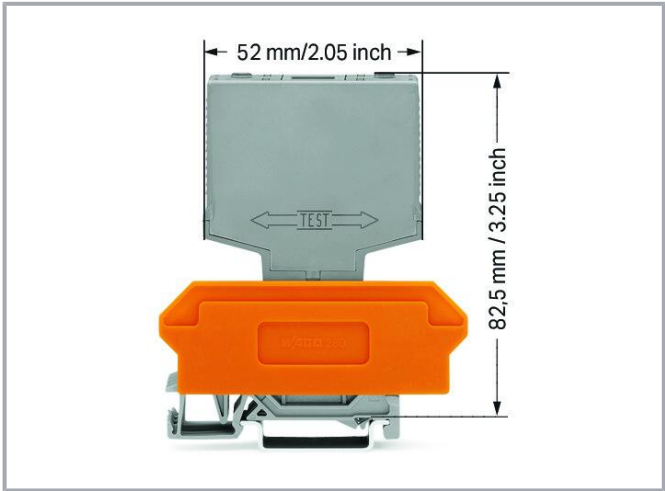
www.wago.com/286-320



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

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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
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

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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

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
ECCN	NO DATA
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
SCIP notification number (France)	9544d901-0698-406e-869c-dce3472d4529
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SCIP notification number (Hungary)	bdecb485-1342-46f2-9344-9143202bb38e
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

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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 mm²; CAGE CLAMP®; 2,50 mm²; 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 mm²; CAGE CLAMP®; 2,50 mm²; 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 mm²; CAGE CLAMP®; 2,50 mm²; 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 X81 - Datei	2019 Feb 19	xml 3.9 kB	Download
286-320 doc - Datei	2018 Mar 22	doc 28.2 kB	Download

Instruction Leaflet

pdf
1.3 MB
Download

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



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 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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Asset Administration Shell

Asset Administration Shell 286-320	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 286-320	URL	Download
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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

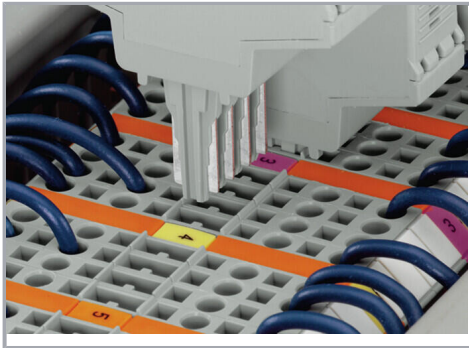
Installation Notes

Installation

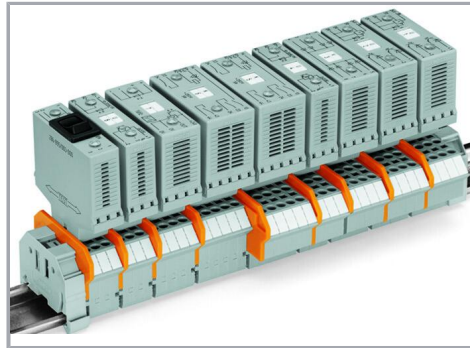
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Coding ensures correct polarity.



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!

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