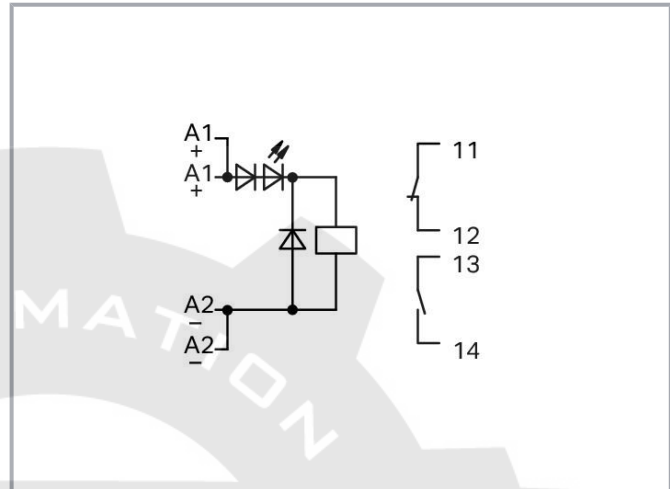
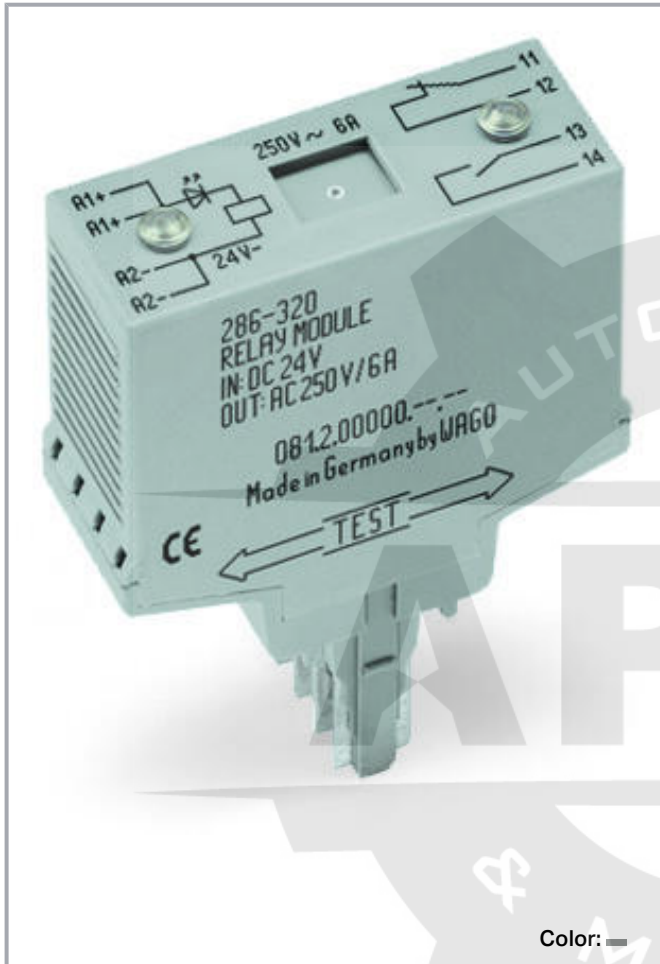


Data sheet | Item number: 286-320

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

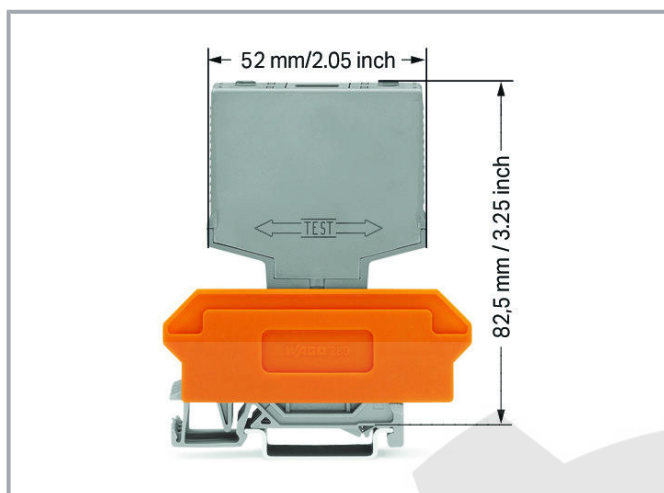


Color: —

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

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Data

Technical data

Control circuit

Nominal input voltage U_N	DC 24 V
Input voltage range	$\pm 10 \%$
Nominal input current at U_N	7.4 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 inch
Height from upper-edge of DIN-rail	82.5 mm / 3.248 inch
Depth	52 mm / 2.047 inch

Mechanical data

Mounting type	Pluggable module for receptacle terminal blocks
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Material data

Color	gray
Fire load	0.39 MJ
Weight	32.5 g

Environmental requirements

Surrounding air temperature (operation at U_N)	-25 ... 40 °C
Surrounding air 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 Electronics)
Packaging type	BOX
Country of origin	DE
GTIN	4045454319502
Customs tariff number	8536490080

Optional accessories

Clamps

	Item no.: 280-628 Terminal block for pluggable modules; 4-conductor; 22 mm; Orange separator plate	www.wago.com/280-628
	Item no.: 280-638 Terminal block for pluggable modules; 2-conductor; 22 mm; Orange separator plate	www.wago.com/280-638
	Item no.: 280-764 Terminal block for pluggable modules; 4-conductor; 25 mm; Orange marker plate	www.wago.com/280-764

Marking accessories

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

Documentation

Bid Text

286-320 doc - Datei	Mar 22, 2018	doc 28.2 kB	Download
286-320 X81 - Datei	Feb 19, 2019	xml 3.9 kB	Download

Instruction Leaflet

		pdf 1.3 MB	Download
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Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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CAD files

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CAD data

2D/3D Models 286-320	URL	Download
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CAE data

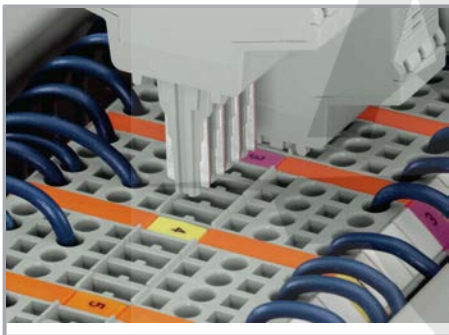
WSCAD Universe 286-320	URL	Download
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ZUKEN Portal 286-320	URL	Download
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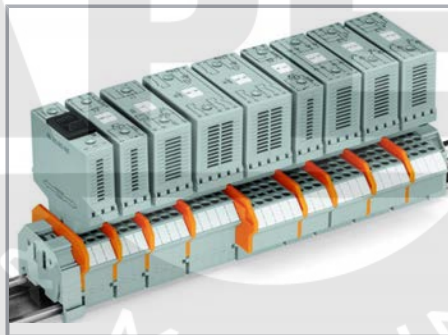
Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 286-320	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**Assembly**

Coding ensures correct polarity.



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

Marking

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

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Marking via WMB Multi Marking System.

Testing



Function testing via touch-proof test slots

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