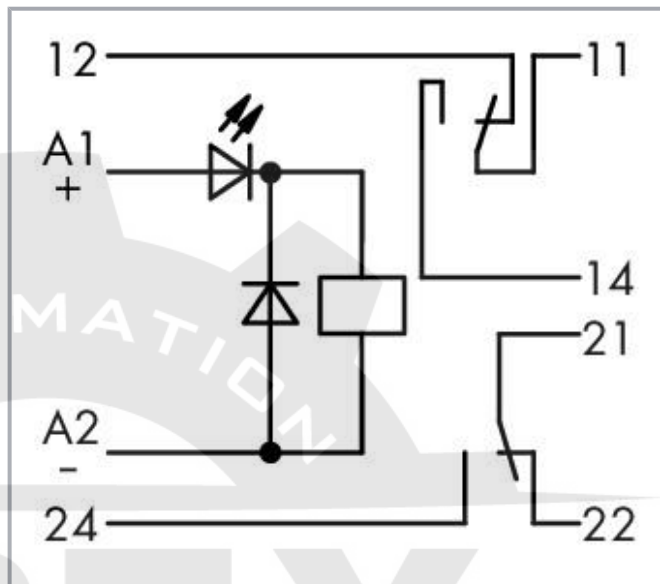
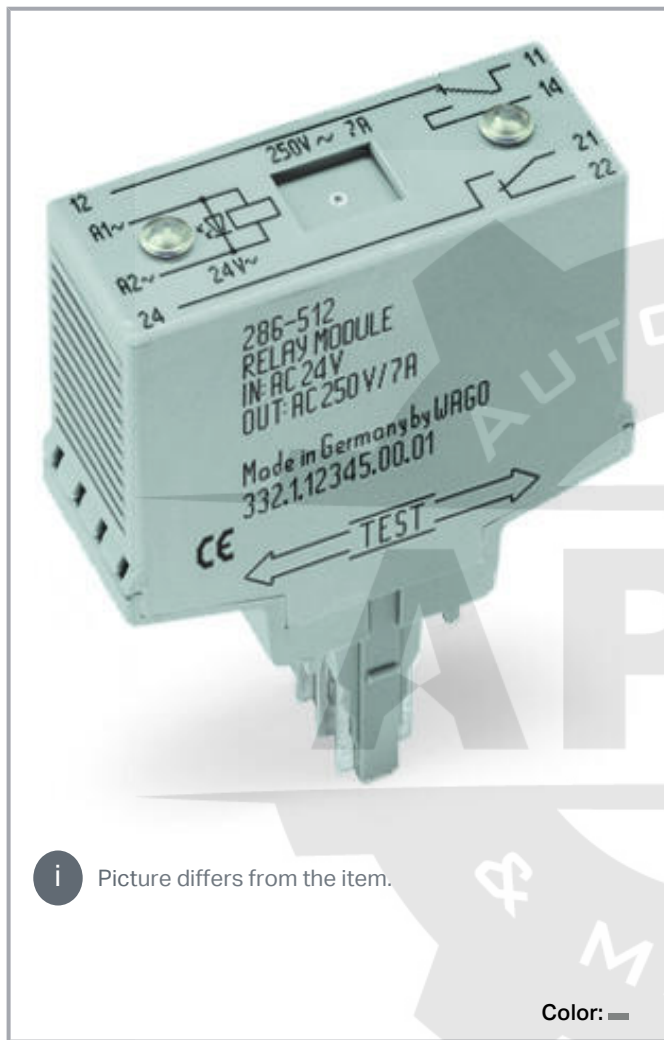


Data sheet | Item number: 286-312

Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts;
Limiting continuous current: 7 A; Red status indicator; Module width: 20 mm;
gray

www.wago.com/286-312



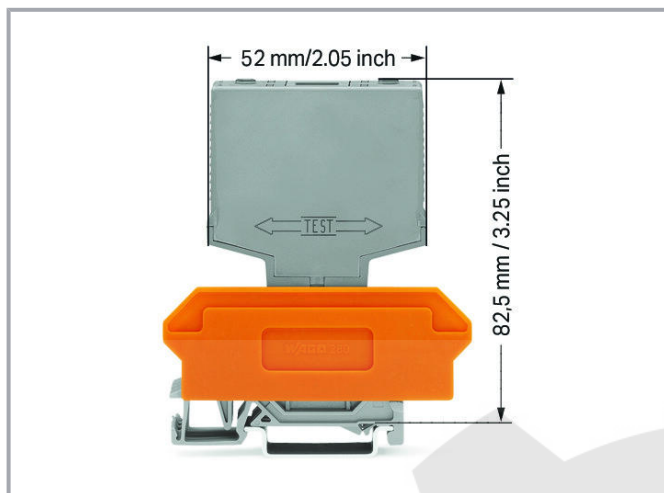
 Picture differs from the item.

Color: —

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

WAGO Corporation
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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	21.8 mA

Load circuit

Number of changeover contacts	2
Contact material (relay)	AgNi 0.15
Limiting continuous current	7 A
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	AC 1750 VA
Pull-in time (typ.)	18 ms
Drop-out time (typ.)	3 ms
Bounce time (typ.)	2 ms
Electrical life (NO; resistive load; 23 °C)	100×10^3 switching operations
Mechanical life	30×10^6 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)	2 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	39.6 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

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Country of origin	DE
GTIN	4045454427986
Customs tariff number	8536490050

Optional accessories

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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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

Downloads

Documentation

Bid Text

286-312	Mar 22, 2018	doc	Download
doc - Datei		27.6 kB	
286-312	Feb 19, 2019	xml	Download
X81 - Datei		3.9 kB	

Instruction Leaflet

		pdf	Download
		1.3 MB	

Additional Information

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

CAD files

CAE data

WSCAD Universe 286-312	URL	Download
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ZUKEN Portal 286-312

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CAD data

2D/3D Models 286-312

[URL](#)

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 286-312

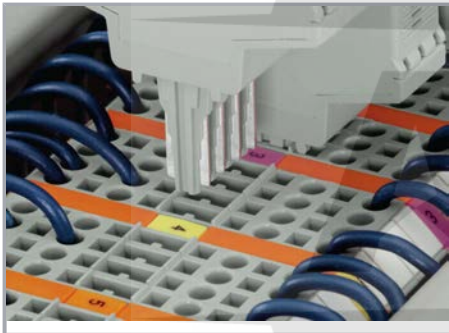
[URL](#)

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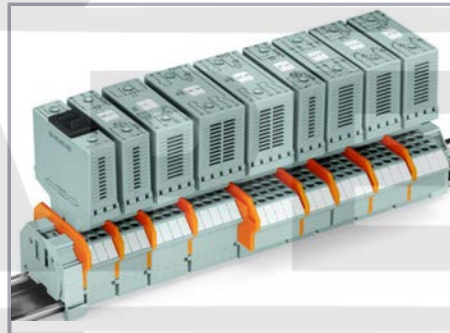
Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 7 A; Red status indicator; Module width: 20 mm; gray

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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