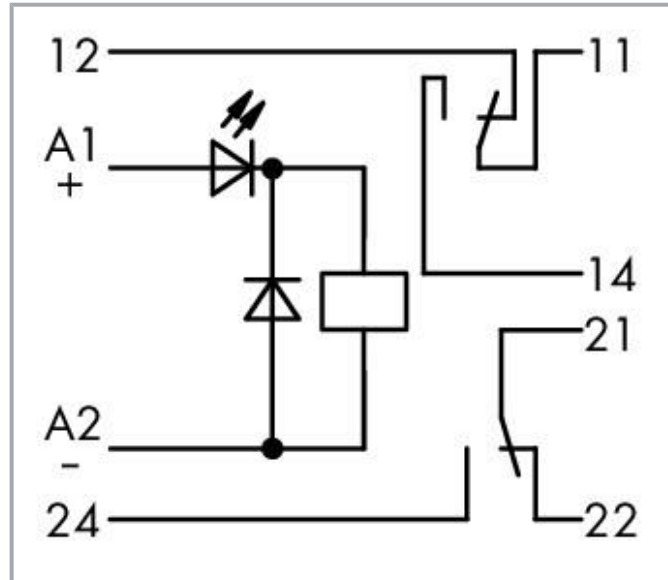
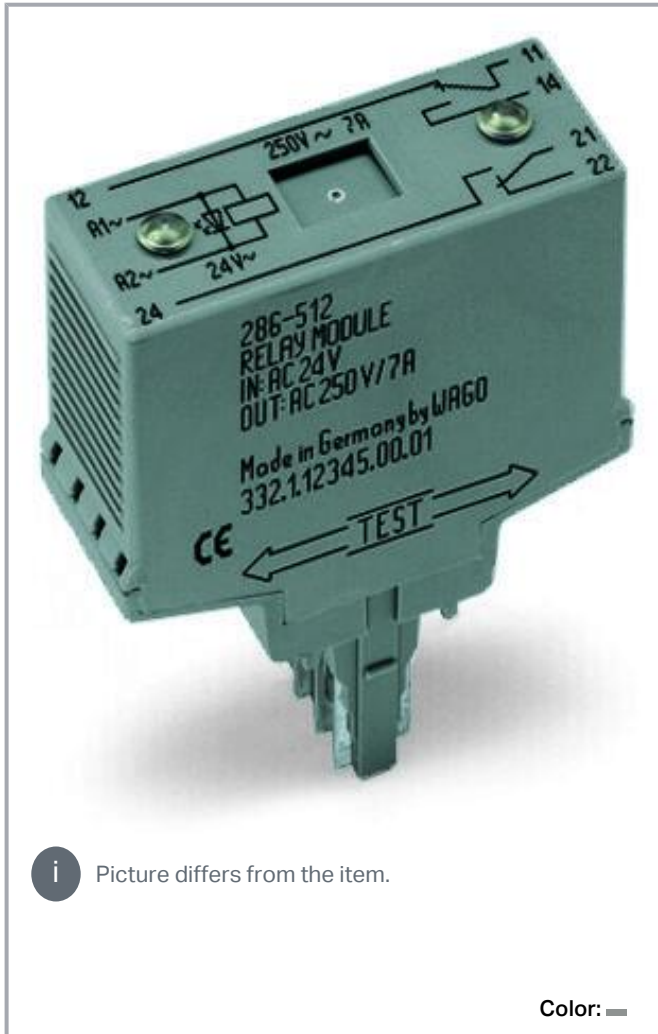


Data sheet | Item number: 286-316

Relay module; Nominal input voltage: 220 VDC; 2 changeover contacts;
Limiting continuous current: 7 A; Red status indicator; Module width: 20 mm;
gray

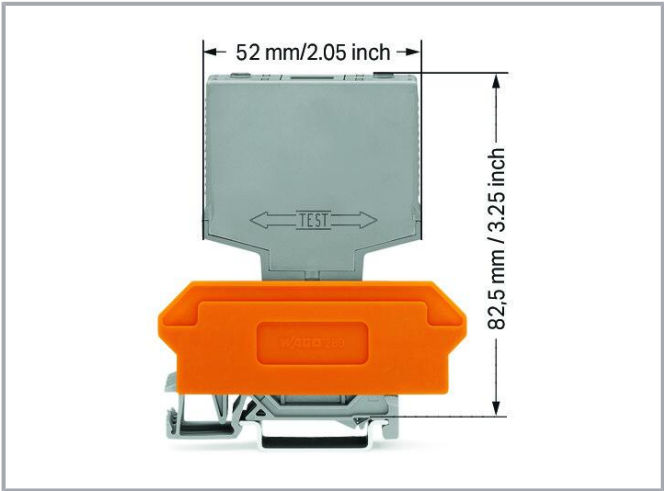
www.wago.com/286-316



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 | 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 220 V
Input voltage range	$\pm 10 \%$
Nominal input current at U_N	5 mA

Load circuit

Number of changeover/switchover 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 x 10 ³ switching operations
Mechanical life	30 x 10 ⁶ switching operations

Signaling

Status indicator	Red LED
------------------	---------

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 | 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.



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 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
---------------	---

Material data

Color	gray
Fire load	0.414 MJ
Weight	39.9 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
--------------------------	------------

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-37-16-01

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



eCl@ss 9.0	27-37-16-01
ETIM 8.0	EC001437
ETIM 7.0	EC001437
Recupel Type	
ECCN	NO DATA
PU (SPU)	10 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454553630
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)	caf48449-c7ee-41e9-95e9-9c7347f5a471
SCIP notification number (Belgium)	19b3c68c-da4e-4fce-bbec-828212c1274e
SCIP notification number (Bulgaria)	0ad6742e-07e0-4988-b877-53302f4f6641
SCIP notification number (Czech Republic)	41b82857-80e3-4e9c-b1b0-020df7badcbd
SCIP notification number (Denmark)	1dc88fbd-b839-4a5f-9cdf-00658da2f389
SCIP notification number (Finland)	3257e224-f588-41ad-a739-b35461f564e7
SCIP notification number (France)	bb67425c-5805-4d57-9526-76cc55e71290
SCIP notification number (Germany)	9cce2dc6-4c1c-4f99-8137-9b75efeb9adb
SCIP notification number (Hungary)	b175298b-1f3e-423f-ba1a-7d9379d76843
SCIP notification number (Italy)	a439bf26-59b6-4da5-9464-6643e602a2d7
SCIP notification number (Netherlands)	5f468ac6-4287-4397-b076-c8a390ce95c3
SCIP notification number (Poland)	c5ca149a-06a8-4602-bd0a-45d0a40344c6
SCIP notification number (Romania)	984a7288-1d9a-4d9b-8752-7dabce81f526
SCIP notification number (Sweden)	f005a10c-679a-481f-a25c-9ed51aa27736

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
------	----------	--------------------------	------------------

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 | 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.



EAC
Brjansker Zertifizierungsstelle

TP TC 004/2011

EAC RU C-
DE.AM02.
B.00122
/19

Optional accessories

Marking accessories

Marker



Item no.: 209-701

WSB marking card; as card; not stretchable; plain; snap-on type; white

www.wago.com/209-701

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

Downloads

Documentation

Bid Text

Item	Date	File Type	Size	Action
286-316	2019 Feb 19	xml	3.9 kB	Download
X81 - Datei				

Item	Date	File Type	Size	Action
286-316	2018 Mar 22	doc	27.6 kB	Download
doc - Datei				

Instruction Leaflet

File Type	Size	Action
pdf	1.3 MB	Download

Additional Information

Item	Date	File Type	Size	Action
Disposal and Recycling	V 1.1.0	pdf	2.2 MB	Download
Electrical and electronic equipment, Batteries, Packaging	2022 Aug 18			

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 | 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.



CAD/CAE-Data

CAD data

2D/3D Models 286-316	URL	Download
----------------------	---------------------	--------------------------

CAE data

WSCAD Universe 286-316	URL	Download
------------------------	---------------------	--------------------------

ZUKEN Portal 286-316	URL	Download
----------------------	---------------------	--------------------------

Asset Administration Shell

Asset Administration Shell 286-316	URL	Download
------------------------------------	---------------------	--------------------------

Environmental Product Compliance

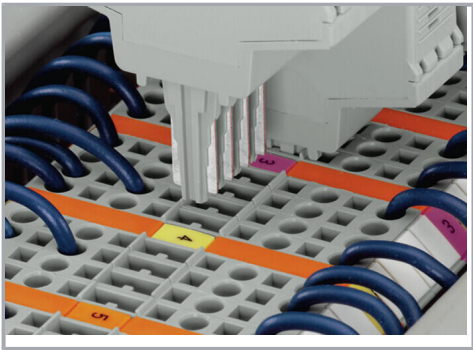
Compliance Search

Environmental Product Compliance 286-316	URL	Download
--	---------------------	--------------------------

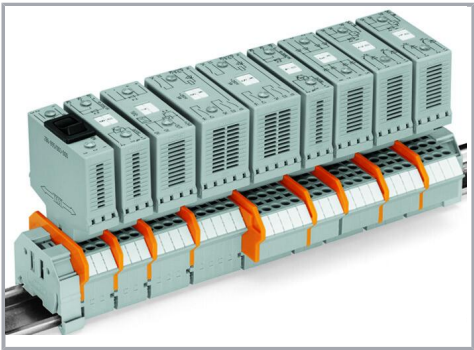
Relay module; Nominal input voltage: 220 VDC; 2 changeover contacts; Limiting continuous current: 7 A; Red status indicator; Module width: 20 mm; gray

Installation Notes

Installation



Coding ensures correct polarity.



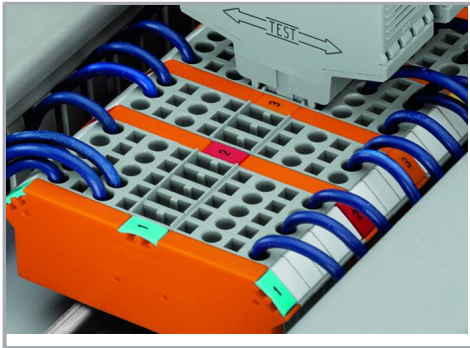
Pluggable electronic modules on 2- or 4-conductor carrier terminal blocks

Marking

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
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.



Marking via WMB Multi Marking System.

Testing



Function testing via touch-proof test slots

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 | 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.