

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



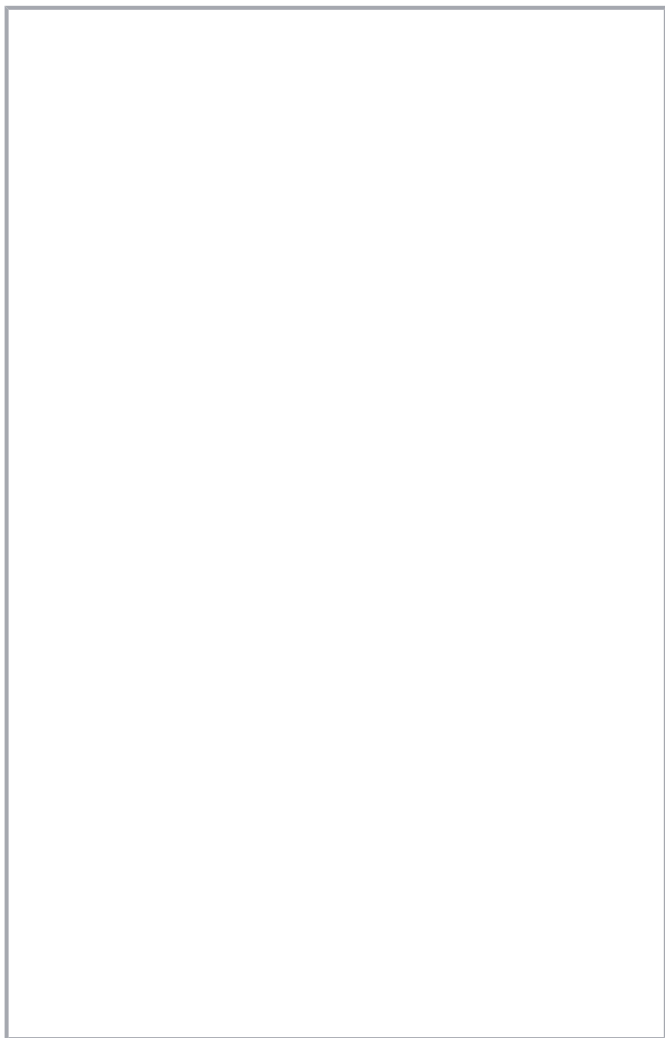
www.wago.com/286-316



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
--	---

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.



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

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

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

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
Recupel Type	
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

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.



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
	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

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.



286-316 X81 - Datei	2019 年2月19 日	xml 3.9 kB	Download
------------------------	--------------	---------------	----------

286-316 doc - Datei	2018 年3月22 日	doc 27.6 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 286-316	URL	Download
----------------------	-----	----------

CAE data

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

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

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 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	URL	Download
--	-----	----------

Installation Notes

Installation

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



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!