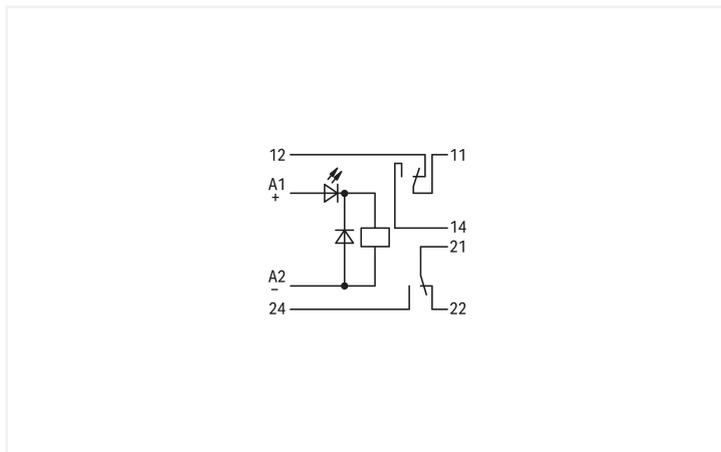


Data Sheet | Item Number: 286-312

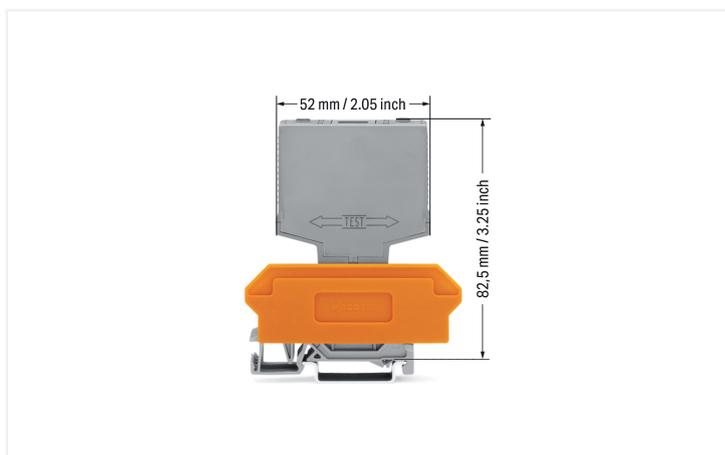
Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 7 A; Red status indicator; Module width: 20 mm; gray

<https://www.wago.com/286-312>



Color: ■ gray

Similar to illustration



Technical data

Control circuit

Nominal input voltage U_N	24 VDC
Input voltage range	$\pm 10\%$
Nominal input current at U_N	22 mA

Load circuit

Number of changeover/switchover contacts	2
Contact material (relay)	AgNi 0.15
Limiting continuous current	7 A
Switching Voltage, Max.	250 VAC
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
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Safety and protection

Rated Voltage	250 V
Rated impulse withstand 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	52 mm / 2.047 inches
Depth from upper-edge of DIN-rail	82.5 mm / 3.248 inches
Note (dimensions)	Depth including carrier terminal block

Mechanical data

Mounting type	Pluggable module for receptacle terminal blocks
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Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Fire load	0.389 MJ
Weight	39.6 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)
PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454427986
Customs tariff number	85364900990

Product Classification

UNSPSC	39122334
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 9.0	EC001437
ETIM 10.0	EC001437
ECCN	NO US CLASSIFICATION

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)
SCIP notification number (Austria)	86f44f9f-82f0-41d6-a503-1729fec3d12a
SCIP notification number (Belgium)	30e73ea9-bf79-47c9-a626-fc7dd71d79ba
SCIP notification number (Bulgaria)	0d888b10-ba7a-4daf-ac6b-166d44106eec
SCIP notification number (Czech Republic)	9faccd2a-6838-4858-a016-bcadfda0ed36
SCIP notification number (Denmark)	4b519ec2-d88f-4923-ba21-66526dab623c
SCIP notification number (Finland)	5cd13514-e0d7-479f-a4d5-ea086b01e171
SCIP notification number (France)	0f7b5fb5-bc85-40e4-9d2b-a3bf1f9b010f
SCIP notification number (Germany)	80af79bc-86fa-4967-8977-b6c49aa70477
SCIP notification number (Hungary)	cfda50cc-840a-4960-8d5f-af8605dd8d77
SCIP notification number (Italy)	18a7a23c-effd-473f-9622-fa1b516e1644
SCIP notification number (Netherlands)	d65ed1dd-f77b-4fd6-88f5-4048d144b645
SCIP notification number (Poland)	116def87-268a-4a2c-a4c1-035eef1217d1
SCIP notification number (Romania)	7f60db94-8363-4912-a302-fbfa4a2baa38
SCIP notification number (Sweden)	b388c426-10b0-42a5-ace5-18897e258763

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03078

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 286-312	

Documentation

Bid Text			
286-312	19.02.2019	xml 3.80 KB	↓
286-312	22.03.2018	doc 27.00 KB	↓

Instruction Leaflet			
Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 286-312	↓

CAE data	
WSCAD Universe 286-312	↓
ZUKEN Portal 286-312	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Marker



Item No.: 209-701

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

1.1.2 Terminal blocks

1.1.2.1 Terminal block for pluggable modules



Item No.: 280-638

Terminal block for pluggable modules; 8-pole; with 2-conductor terminal blocks; with orange separator; 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; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray



Item No.: 280-628

Terminal block for pluggable modules; 8-pole; with 4-conductor terminal blocks; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

Installation Notes

Installation



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