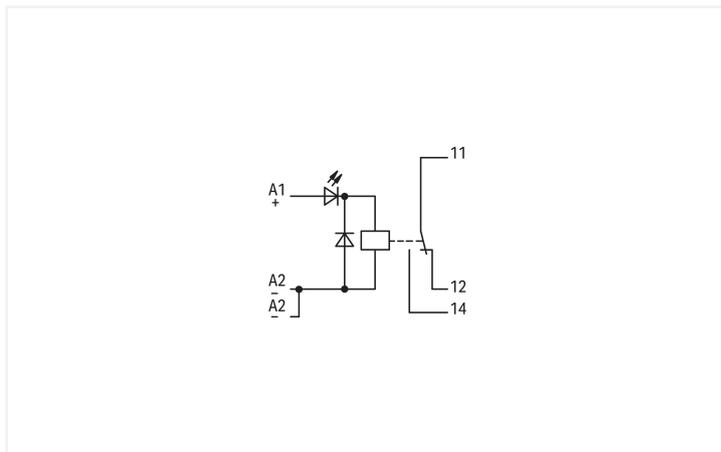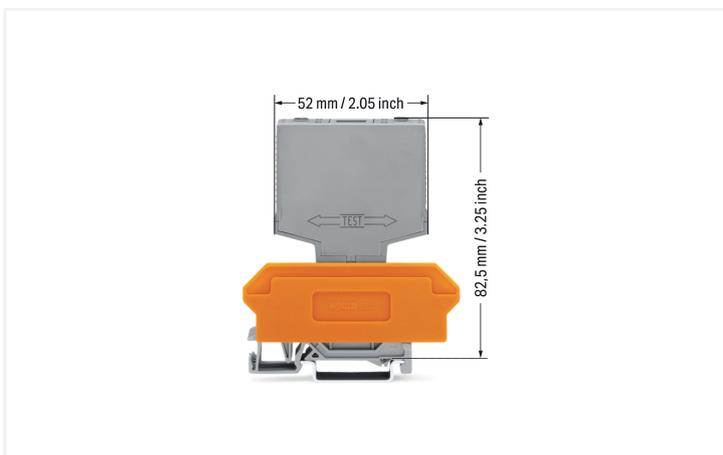# Data Sheet | Item Number: 286-304

Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 7 A; Red status indicator; Module width: 15 mm; gray

https://www.wago.com/286-304

Color: ■ gray

Technical data

Control circuit

Nominal input voltage U_N	24 VDC
Input voltage range	±10 %
Nominal input current at U_N	20 mA

Load circuit

Number of changeover/switchover contacts	1
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.)	8 ms
Drop-out time (typ.)	6 ms
Bounce time (typ.)	4 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10³ switching operations
Mechanical life	30 x 10⁶ switching operations

Signaling

Status indicator	Red LED

Safety and protection

Rated Voltage	250 V
Rated impulse withstand voltage	4 kV
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	4 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Protection type	IP20

Physical data

Width	15 mm / 0.591 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

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Fire load	0.325 MJ
Weight	34.9 g

Environmental requirements

Ambient temperature (operation at U_N)	-25 ... +40 ℃
Ambient temperature (storage)	-25 ... +70 ℃
Processing temperature	-25 ... +50 ℃
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)
PU (SPU)	15 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454319465
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) 7(c)-I
SCIP notification number (Austria)	71c58e3c-a87e-41a4-8a80-e6e3d1dd099b
SCIP notification number (Belgium)	667f0cb8-2825-45da-86d6-0a28634cb55f
SCIP notification number (Bulgaria)	a7c96c7b-4d5a-4c04-a477-34eaf3cb2653
SCIP notification number (Czech Republic)	346a99b5-bdf1-473a-bb88-f590ba06fb42
SCIP notification number (Denmark)	e946ac96-fe04-4b3a-bcb1-377265f415f5
SCIP notification number (Finland)	4fbcd912-9387-4118-9c55-2e2111c37290
SCIP notification number (France)	00017164-6a53-4cff-b5db-0ec23a2c7651
SCIP notification number (Germany)	5c2d757a-70f4-4016-b303-47a4d30883da
SCIP notification number (Hungary)	69953d94-9ef8-408a-b43b-40de0aac994a
SCIP notification number (Italy)	93a1e1fe-187b-4464-9e64-29d035e5367d
SCIP notification number (Netherlands)	e40ba410-8fc6-425f-b190-19964b2e1824
SCIP notification number (Poland)	b9df5c41-202b-4bad-9bd3-6920755b5f70
SCIP notification number (Romania)	723b5020-576b-4067-8859-858834f01692
SCIP notification number (Sweden)	c177ba99-f840-4cb2-aa31-2af6ac3139b3

Approvals / Certificates

General approvals

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

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 286-304	↓

Documentation

Bid Text

286-304	19.02.2019	xml 3.69 KB	↓
286-304	22.03.2018	doc 26.00 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 286-304	↓

CAE data

WSCAD Universe 286-304	↓
ZUKEN Portal 286-304	↓

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.: 280-619
Terminal block for pluggable modules; 6-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.: 280-763
Terminal block for pluggable modules; 6-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
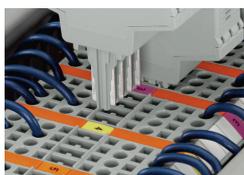
Item No.: 280-609
Terminal block for pluggable modules; 6-pole; with 4-conductor terminal blocks; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

Installation Notes

Installation

Coding ensures correct polarity.

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

WAGO

Marking

Marking via WMB Multi Marking System.

Testing

Function testing via touch-proof test slots