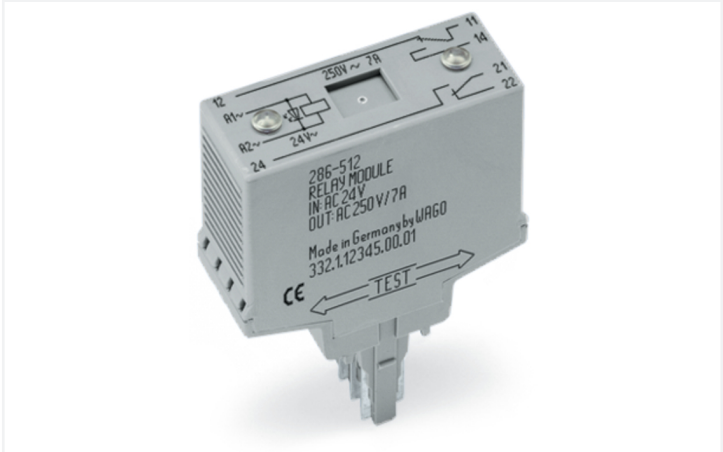


Data Sheet | Item Number: 286-312

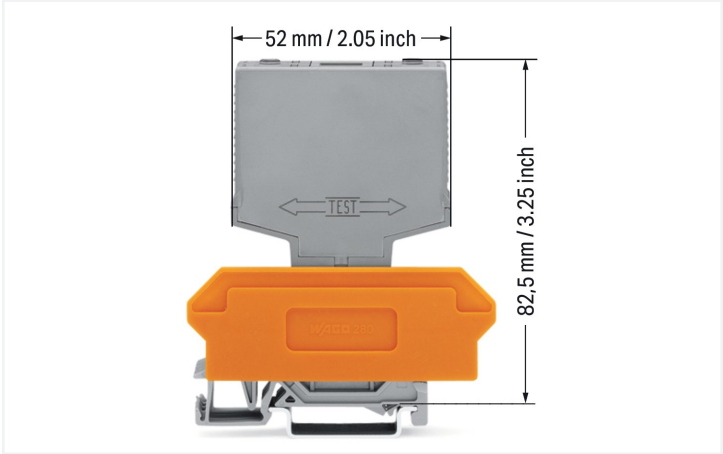
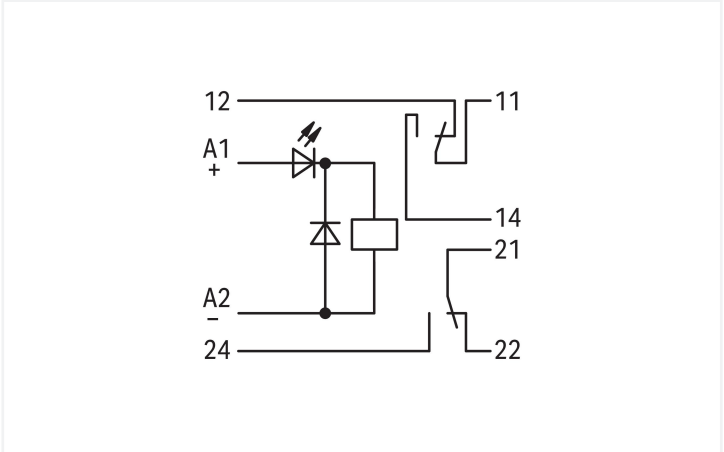
Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 7 A; Red status indicator; Module width: 20 mm; gray

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



Color: ■ gray

Similar to illustration



Technical data			
Control circuit		Load circuit	
Nominal input voltage U_N	24 VDC	Number of changeover/switchover contacts	2
Input voltage range	$\pm 10\%$	Contact material (relay)	AgNi 0.15
Nominal input current at U_N	22 mA	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		



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

Material data		
Note (material data)		Information on material specifications can be found here
Color		gray
Fire load		0.412 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

Commercial data		
Product Group		6 (INTERFACE ELECTRONIC)
eCl@ss 10.0		27-37-16-01
eCl@ss 9.0		27-37-16-01
ETIM 9.0		EC001437
ETIM 8.0		EC001437
PU (SPU)		10 (1) pcs
Packaging type		Box
Country of origin		DE
GTIN		4045454427986
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 7(c)-II
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
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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	
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

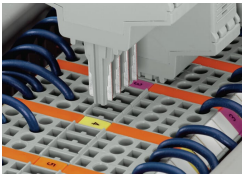


Item No.: 280-764
Terminal block for pluggable modules; 8-pole; with 4-conductor terminal blocks; with marker carrier; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray



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

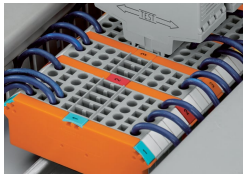


Coding ensures correct polarity.



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