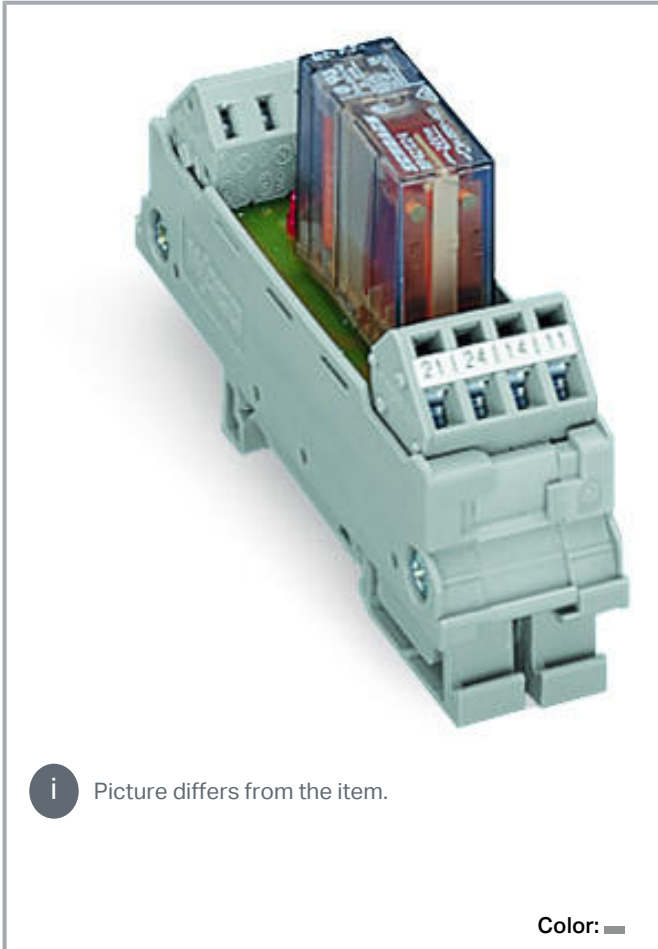


Data sheet | Item number: 288-512

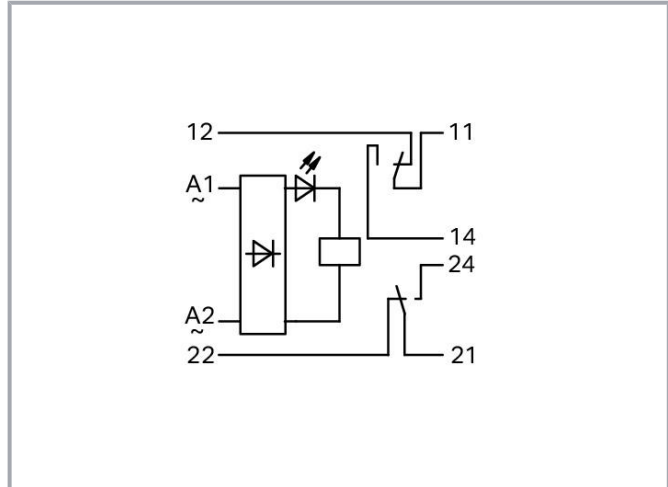
Relay module; Nominal input voltage: 24 V AC/DC; 2 changeover contacts;
Limiting continuous current: 6 A; Module width: 23 mm; 2,50 mm²; gray

www.wago.com/288-512



i Picture differs from the item.

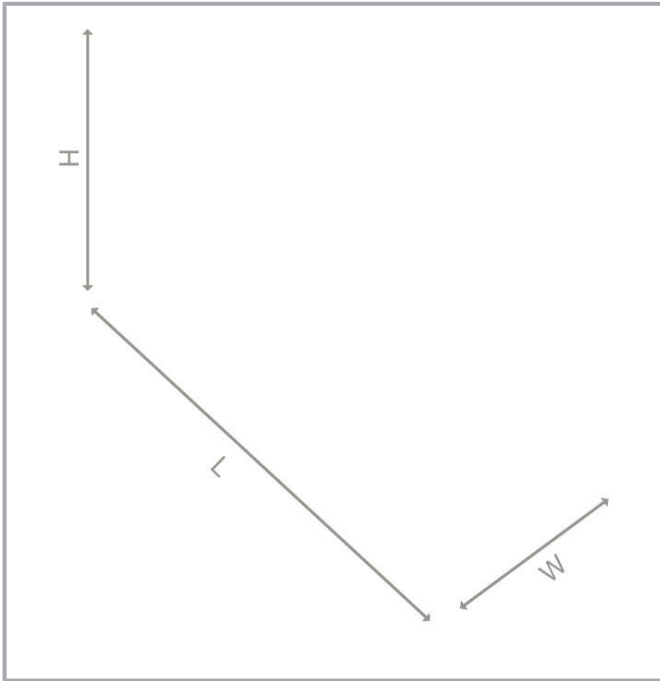
Color:



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

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Data

Technical data

Control circuit

Nominal input voltage U_N	AC/DC 24 V
Input voltage range	$\pm 10\%$
Nominal input current at U_N	21.8 mA

Load circuit

Number of changeover/switchover contacts	2
Contact material (relay)	AgNi 0.15
Limiting continuous current	6 A
Inrush current (resistive) (max.)	(AC) 14 A / 4 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	AC 1500 VA
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	3 ms
Bounce time (typ.)	2 ms
Electrical life (NO; resistive load; 23 °C)	

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	100 x 10 ³ switching operations
Mechanical life	20 x 10 ⁶ switching operations

Safety and protection

Rated voltage	250 V
Rated surge voltage	2.5 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

Connection data

Connection technology	CAGE CLAMP®
WAGO Connector	WAGO 236 Series
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inch

Physical data

Width	22.5 mm / 0.886 inch
Height	85 mm / 3.346 inch
Depth from upper edge of DIN-rail	48 mm / 1.89 inch

Mechanical data

Mounting type	DIN-35 rail
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Material data

Color	gray
Fire load	0.896 MJ
Weight	48.4 g

Environmental requirements

Surrounding air temperature (operation at U _N)	-25 ... 40 °C
Surrounding air temperature (storage)	-40 ... 80 °C

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

Processing temperature

-25 ... +50 °C

Standards and specifications

Standards/Specifications

EN 60664-1


Commercial data

Product Group	6 (Interface Electronics)
PU (SPU)	10 (1) Each
Packaging type	box
Country of origin	CN
GTIN	4045454413750
Customs tariff number	85364900990

Optional accessories

Tool


Operating tool


	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	www.wago.com/210-720
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Marking accessories

Marking strip

	Item no.: 709-196 Marking strips; for laser printer; translucent	www.wago.com/709-196
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	Item no.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	www.wago.com/709-178
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	Item no.: 709-177 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	www.wago.com/709-177
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Downloads

Documentation

Bid Text

288-512	2019. 2. 20.	docx	Download
docx - Datei		16.6 kB	

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Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 288-512		URL	Download
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CAE data

EPLAN Data Portal 288-512		URL	Download
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WSCAD Universe 288-512		URL	Download
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ZUKEN Portal 288-512		URL	Download
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Environmental Product Compliance

Compliance Search

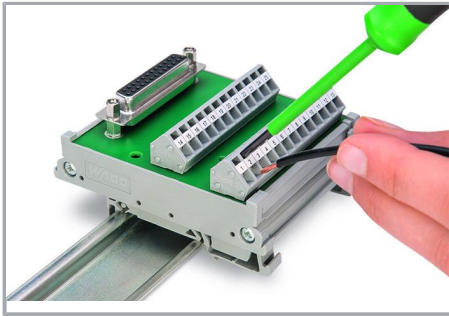
Environmental Product Compliance 288-512		URL	Download
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Relay module; Nominal input voltage: 24 V AC/DC; 2 changeover contacts; Limiting continuous current: 6 A; Module width: 23 mm; 2,50 mm²; gray

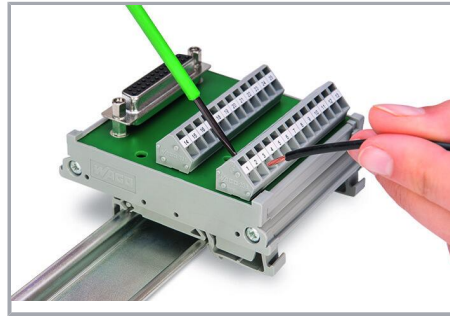
Installation Notes

Inserting a conductor

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

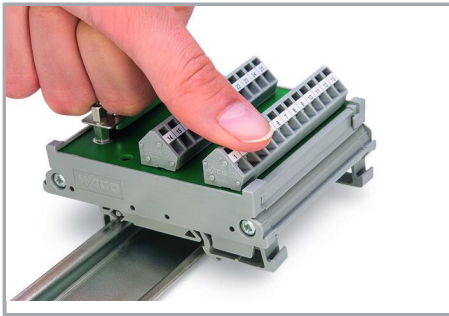


Conductor termination – screwdriver actuation parallel to conductor entry

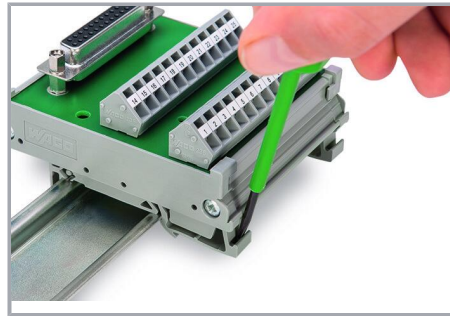


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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