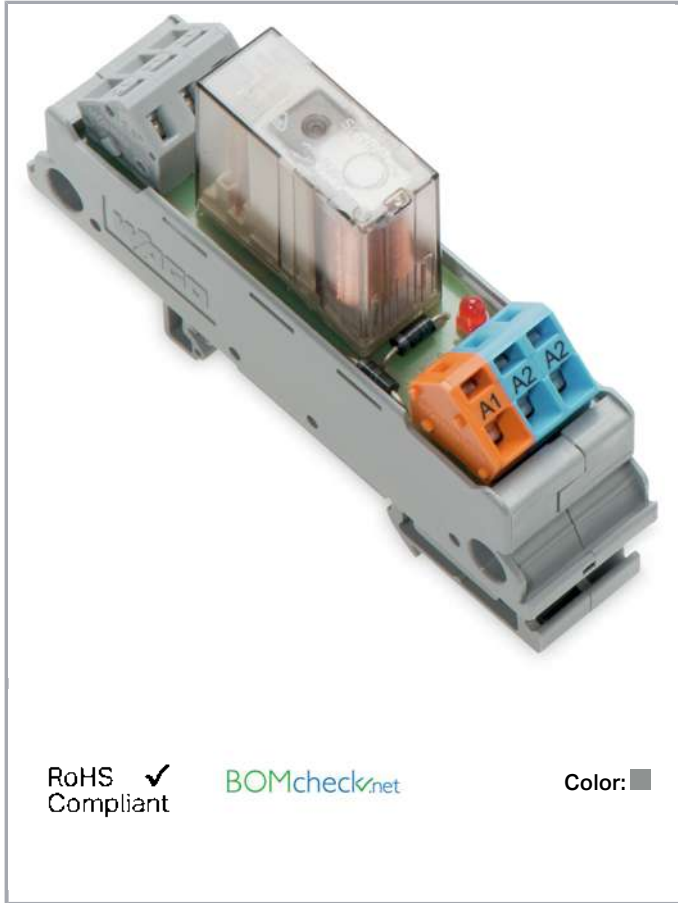


Data sheet | Item number: 288-508

Relay module; Nominal input voltage: 230 VAC; 1 changeover contact; 2,50 mm²; gray

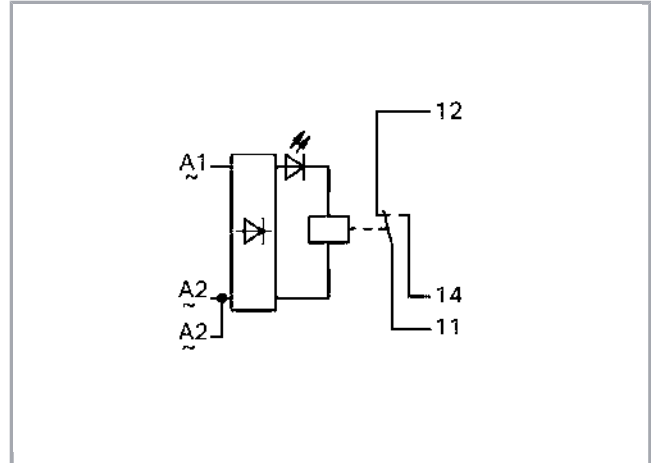
www.wago.com/288-508



RoHS
Compliant

[BOMcheck.net](https://www.bomcheck.net)

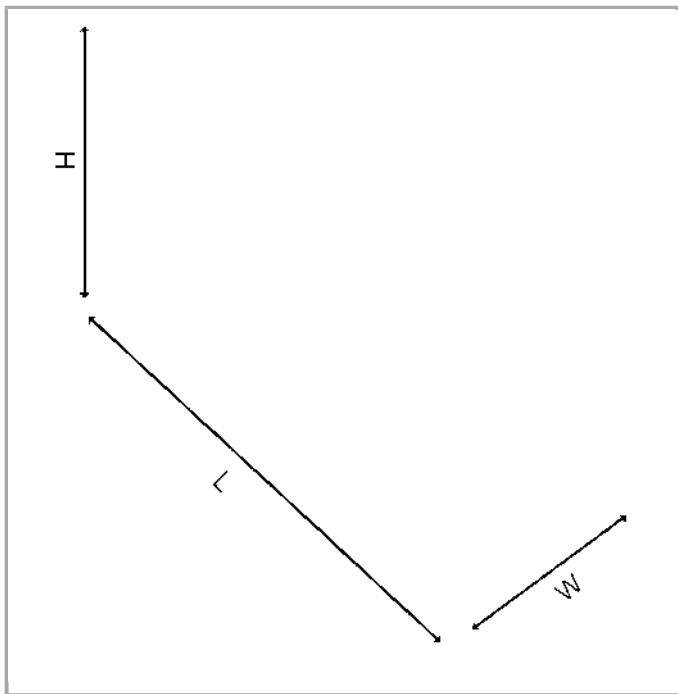
Color:



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

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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Data

Technical Data

Control circuit

Nominal input voltage U_N	AC 230 V
Input voltage range	$\pm 10 \%$
Nominal input current at U_N	6.1 mA

Load circuit:

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi 90/10
Limiting continuous current	6 A
Max. make current (resistive)	(AC) 16 A / 4 s
Max. switching voltage	AC 250 V
Max. switching power (resistive)	AC 1500 VA
Pull-in time (typ.)	9 ms
Drop-out time (typ.)	3 ms
Bounce time (typ)	2 ms
Electrical life (N.O.; resistive load; 23 °C)	100×10^3 switching operations

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Mechanical life	30 x 10 ⁶ switching operations
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Safety and protection:

Rated voltage	300 V
Rated impulse voltage	2.5 kV
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	4 kVrms
Dielectric strength open contact (AC, 1 min)	1 kVrms

Connection data

Connection technology	CAGE CLAMP®
WAGO terminal	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

Geometrical Data

Width	20.5 mm / 0.807 inch
Height from upper-edge of DIN-35 rail	48 mm / 1.89 inch
Depth	85 mm / 3.346 inch

Mechanical data

Type of mounting	DIN-35 rail
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Material Data

Color	gray
Fire load	0.482 MJ
Weight	40.4 g

Environmental Requirements

Surrounding air (operating) temperature at U _N	-25 ... 40 °C
Surrounding air (storage) temperature	-40 ... 80 °C
Processing temperature	-25 ... +50 °C

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Standards and specifications

Standards/specifications	EN 60664-1
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Commercial data

Product Group	6 (Interface Electronics)
Packaging type	BOX
Country of origin	DE
GTIN	4045454192686
Customs Tariff No.	85364900990

Counterpart

Compatible products

tools



Item no.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft

www.wago.com/210-720

Marking accessories



Item no.: 709-177

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent

www.wago.com/709-177



Item no.: 709-178

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

www.wago.com/709-178



Item no.: 709-196

Marking strips; for laser printer; translucent

www.wago.com/709-196

Downloads

Documentation

Instruction Leaflet

pdf
1.3 MB

[Download](#)

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 288-508	URL	Download
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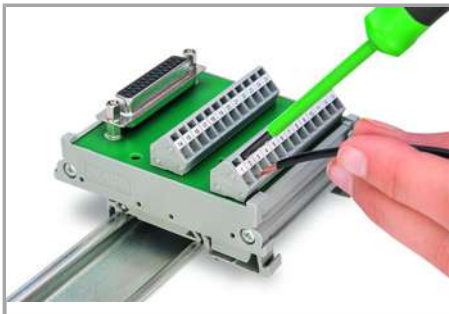
CAE data

EPLAN Data Portal 288-508	URL	Download
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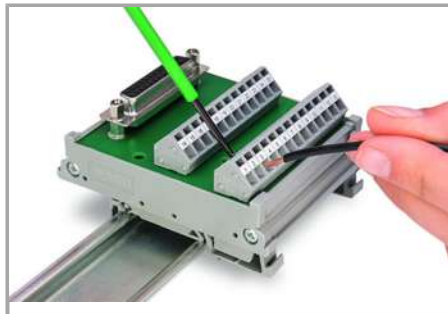
WSCAD Universe 288-508	URL	Download
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Installation Notes

Inserting a conductor

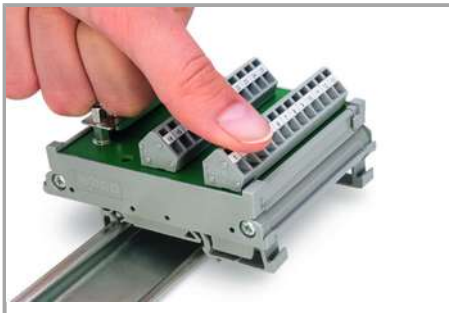


Connection of conductor – Operating tool actuation parallel to conductor entry.

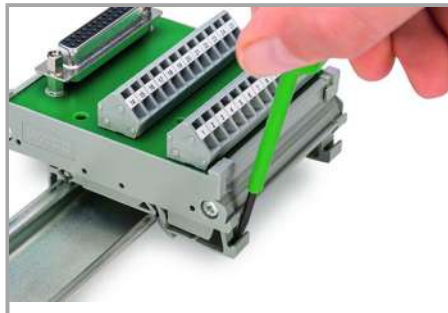


Connection of conductor – Operating tool actuation perpendicular to conductor entry.

Assembly



Assembly of a module on the carrier rail



Removing a module from the DIN-rail.

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