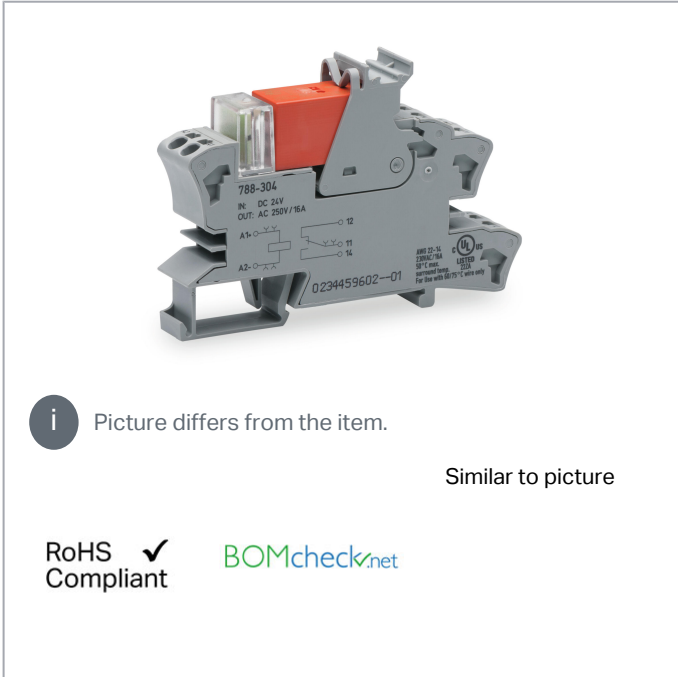


Data sheet | Item number: 788-304/001-000

Relay module; Nominal input voltage: 24 VDC; 1 changeover contact;
Limiting continuous current: 16 A; Green status indicator; Module width: 15 mm



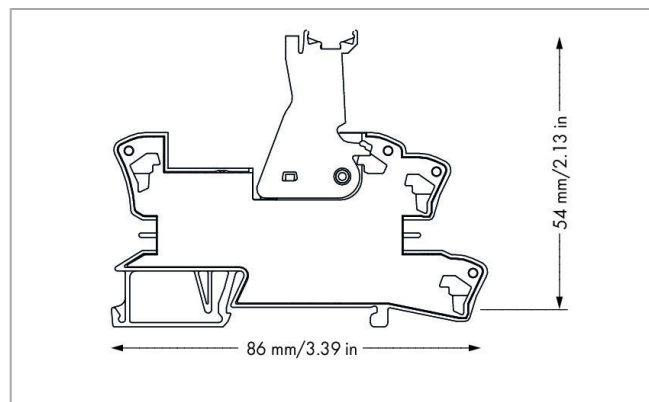
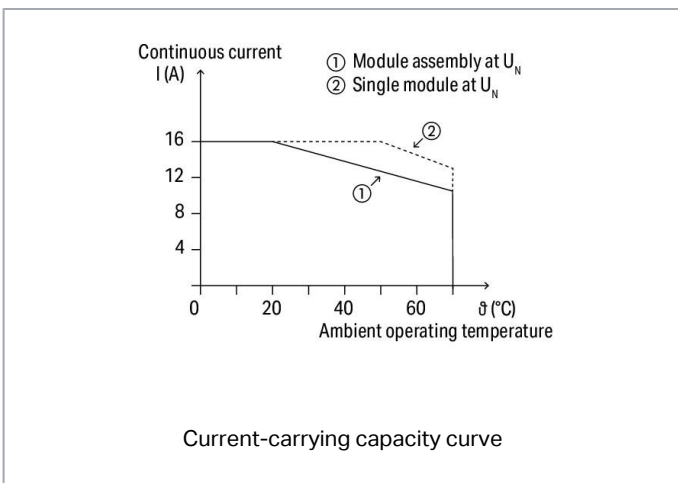
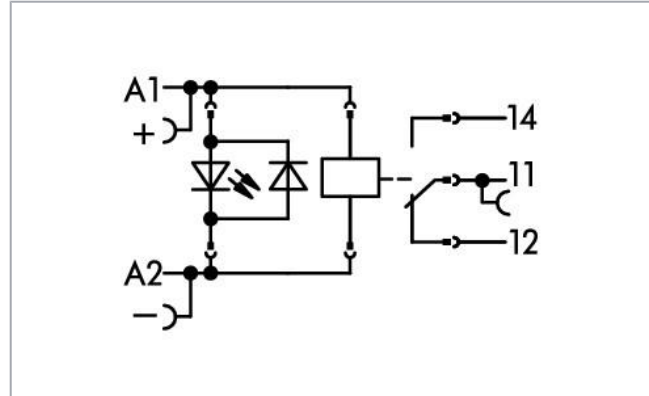
www.wago.com/788-304/001-000



i Picture differs from the item.

Similar to picture

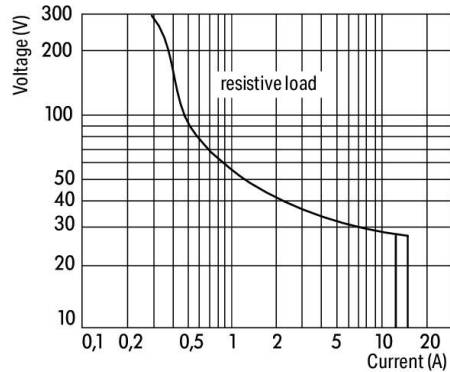
RoHS Compliant



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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



DC load limit curve

Item description

Note:

- Reinforced insulation between coil and contacts
- A separator plate (e.g., 209-191) must be used for voltages greater than 250 V between adjacent relay modules and for compliance with the reinforced insulation requirements.
- To protect the relay coils and contacts, inductive loads must be dampened with an effective protection circuit.

Data

Technical data

Control circuit

Nominal input voltage U_N	DC 24 V
Input voltage range	$\pm 10\%$
Nominal input current at U_N	19 mA

Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi 90/10
Limiting continuous current	16 A

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



Inrush current (resistive) (max.)	(AC) 30 A / 4 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	AC 4000 VA; DC (see load limit curve)
Switching capacity	AC-15: 6 A / AC 250 V; DC-13: 2 A / DC 24 V
Recommended minimum load	12 V / 10 mA
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	6 ms
Bounce time (typ.)	6 ms
Electrical life (NO; resistive load; 23 °C)	30 x 10 ³ switching operations
Mechanical life	30 x 10 ⁶ switching operations
Switching frequency with/without load (max.)	6 min ⁻¹ / 1200 min ⁻¹

Signaling

Status indicator	Green LED
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Safety and protection

Rated voltage	250 V
Rated surge voltage	4 kV
Pollution degree	3
Dielectric strength, control/load circuit (AC, 1 min)	5 kVrms
Dielectric strength, open contact (AC, 1 min)	1 kVrms
Protection type	IP20

Connection data

Solid conductor	0.34 ... 2.5 mm ² / 22 ... 14 AWG
Fine-stranded conductor	0.34 ... 2.5 mm ² / 22 ... 14 AWG

Physical data

Width	15 mm / 0.591 inch
Height from upper-edge of DIN-rail	54 mm / 2.126 inch
Depth	86 mm / 3.386 inch

Material data

Fire load	0.916 MJ
Weight	45.6 g

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

Environmental requirements

Surrounding air temperature (storage)	-40 ... 70 °C
Processing temperature	-25 ... +50 °C

Standards and specifications


Standards/Specifications	EN 61010-2-201; EN 61810-1; EN 61373; UL 508 (max. 10 A)
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Commercial data










Packaging type	BOX
Customs tariff number	85364900990

Compatible products


tools

	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

	Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110
	Item no.: 2009-115 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-115
	Item no.: 209-128 Adaptor; gray	www.wago.com/209-128
	Item no.: 209-183 Marker card; white	www.wago.com/209-183
	Item no.: 210-110 Fiber-tip pen	www.wago.com/210-110
	Item no.: 249-105 Group marker carrier; gray	www.wago.com/249-105
	Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/793-501
	Item no.: 793-502 WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/793-502
	Item no.: 793-503 WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/793-503
	Item no.: 793-504	


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


 WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; www.wago.com/793-504
white


Item no.: 793-505


 WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; www.wago.com/793-505
white


ferrule

 **Item no.: 216-241**
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white www.wago.com/216-241

 **Item no.: 216-242**
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray www.wago.com/216-242

 **Item no.: 216-243**
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red www.wago.com/216-243

 **Item no.: 216-244**
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black www.wago.com/216-244

 **Item no.: 216-542**
Twin ferrule; Sleeve for 2 x 1 mm² / AWG 2 x 18; red, insulated; 12 mm long; red www.wago.com/216-542


General accessories


 **Item no.: 209-145**
Group marker carrier; white www.wago.com/209-145

 **Item no.: 209-184**
Protection cover; transparent www.wago.com/209-184

Jumper

 **Item no.: 788-113**
Jumper; for jumper slot; 2-way; insulated www.wago.com/788-113

 **Item no.: 788-114**
Jumper; for jumper slot; 3-way; insulated www.wago.com/788-114

 **Item no.: 788-115**
Jumper; for jumper slot; 4-way; insulated www.wago.com/788-115

 **Item no.: 788-116**
Jumper; for jumper slot; 6-way; insulated www.wago.com/788-116

 **Item no.: 788-117**
Jumper; for jumper slot; 8-way; insulated www.wago.com/788-117

 **Item no.: 788-118**
Jumper; for jumper slot; from 1 to 3; insulated www.wago.com/788-118

 **Item no.: 859-402**
Jumper; for jumper slot; 2-way; insulated; light gray www.wago.com/859-402

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

Downloads

Documentation

Instruction Leaflet

Sockets with Elementary Relay/ SSR	V 1.0.1 9. 10. 2020	pdf 2.3 MB	Download
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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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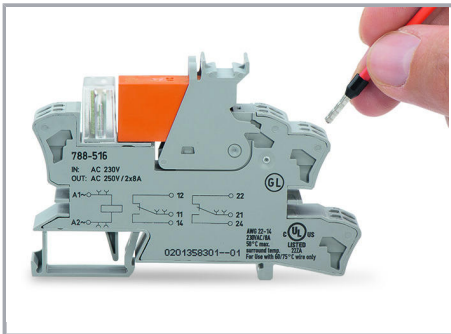
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-304/001-000	URL	Download
Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 16 A; Green status indicator; Module width: 15 mm		

Installation Notes

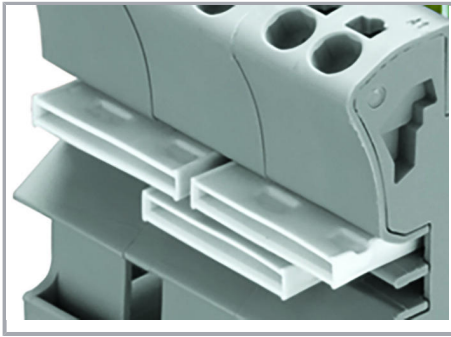
Conductor termination



Conductor termination

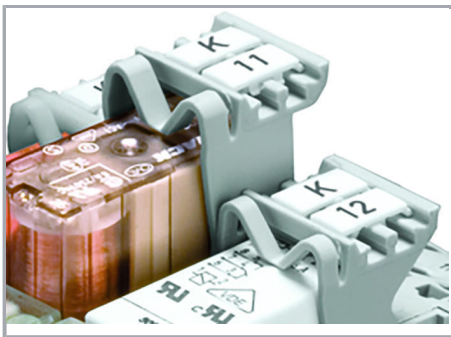
Commoning

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



Easy commoning using adjacent jumpers

Marking



Marking using WMB Multi markers and group marker carriers.

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