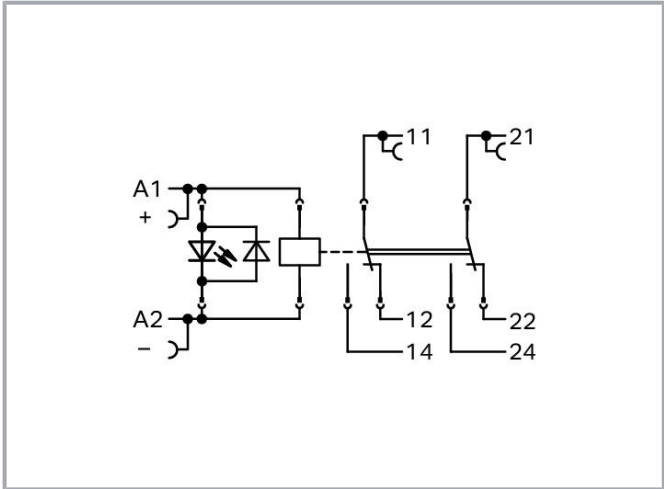
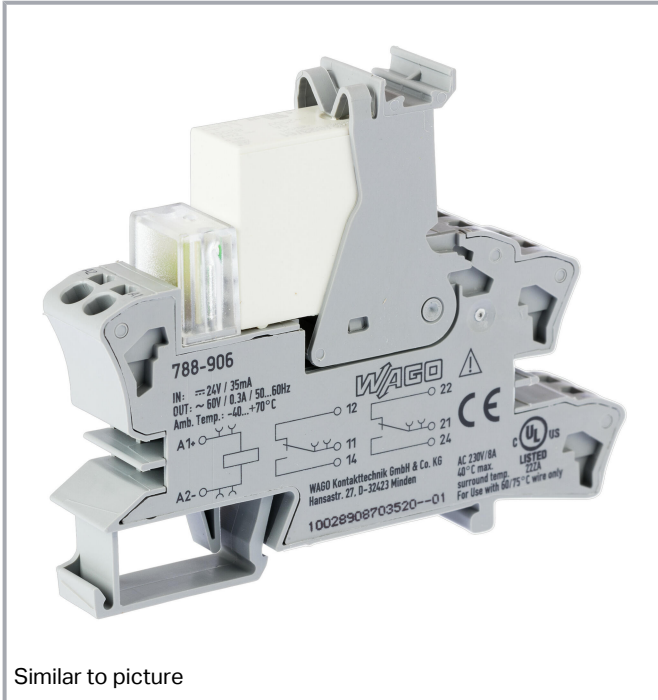


Data sheet | Item number: 788-906

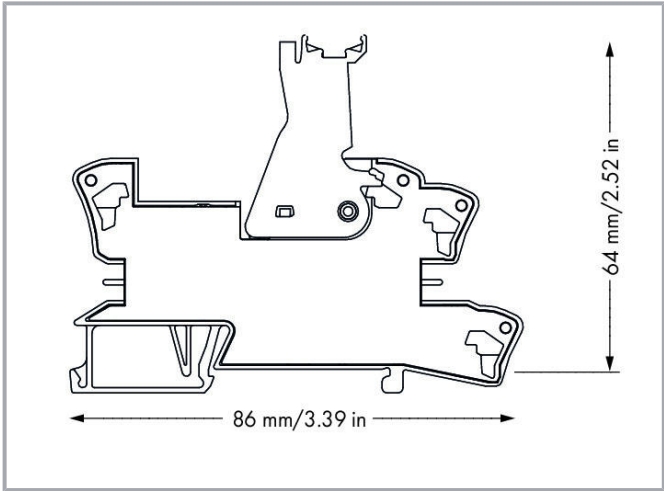
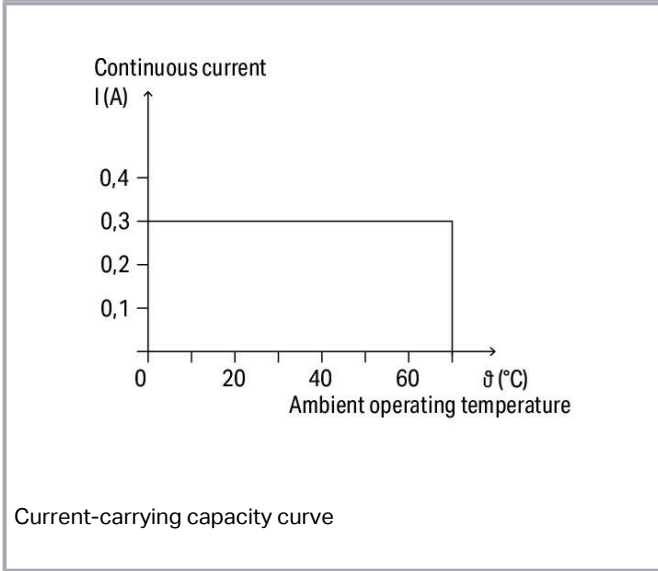
Relay module with driven contacts; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 0.3 A; Green status indicator; Module width: 15 mm



www.wago.com/788-906



Similar to picture



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.



Data

Notes

Safety information 1

- Per EN 61810-3, it is only permitted to use 1 make contact/1 break contact for safety circuits (11-14 and 22-21 or 12-11 and 21-24).
- 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.

Note

- Reinforced insulation between coil and contacts
- To protect the relay coils and contacts, inductive loads must be dampened with an effective protection circuit.

Technical data

Control circuit

Nominal input voltage U_N	DC 24 V
Input voltage range	-15 ... +10 %
Nominal input current at U_N	30 mA

Load circuit

Number of changeover/switchover contacts	2
Contact material (relay)	AgNi + Au
Limiting continuous current	0.3 A
Switching voltage (max.)	AC 60 V
Switching power (resistive) (max.)	AC 18 VA
Recommended minimum load	0.1 V / 1 mA / 1 mW
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	12 ms
Electrical life (NO; resistive load; 23 °C)	200 x 10 ³ switching operations
Mechanical life	50 x 10 ⁶ switching operations
Switching frequency with/without load (max.)	6 min ⁻¹ / 600 min ⁻¹

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

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Mechanical force-guided operation

Type A

Signaling

Status indicator

Green LED

Safety and protection

Rated voltage

250 V

Rated surge voltage

4 kV

Pollution degree

2

Dielectric strength, control/load circuit (AC, 1 min)

4 kVrms

Dielectric strength, open contact (AC, 1 min)

1.5 kVrms

Dielectric strength, load/load circuit (AC, 1 min)

2.5 kVrms

Safety information 1

- Per EN 61810-3, it is only permitted to use 1 make contact/1 break contact for safety circuits (11-14 and 22-21 or 12-11 and 21-24).
- 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.

Protection type

IP20

Connection data

Connection technology

Push-in CAGE CLAMP®

Solid conductor

0.34 ... 2.5 mm² / 22 ... 14 AWG

Fine-stranded conductor

0.34 ... 2.5 mm² / 22 ... 14 AWG

Strip length

9 ... 10 mm / 0.35 ... 0.39 inch

Physical data

Width

15 mm / 0.591 inch

Height

86 mm / 3.386 inch

Depth from upper edge of DIN-rail

64 mm / 2.52 inch

Mechanical data

Mounting type

DIN-35 rail

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

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Material data

Fire load	0.675 MJ
Weight	50 g

Environmental requirements

Surrounding air temperature (operation at U_N)	-40 ... 70 °C
Surrounding air (operating) temperature for UL	-40 ... 40 °C
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 61810-3 UL 508 (max. 40 °C)
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Commercial data

Product Group	6 (Interface Electronics)
PU (SPU)	15 (1) Stück
Packaging type	box
Country of origin	DE
GTIN	4045454515126
Customs tariff number	85364900990

Approvals / Certificates

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.6

Optional accessories






Ferrule

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Ferrule

	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 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 mm ² / 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 mm ² / 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 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-244
 <small>image coming soon</small>	Item no.: 216-542 Twin ferrule; Sleeve for 2 x 1 mm ² / AWG 2 x 18; red, insulated; 12 mm long; red	www.wago.com/216-542

Indicators

Operation status indicator

Item no.: 788-120 Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 24 VDC	www.wago.com/788-120
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Jumpers


Jumper

	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.: 788-114 Jumper; for jumper slot; 3-way; insulated	www.wago.com/788-114
	Item no.: 788-113 Jumper; for jumper slot; 2-way; insulated	www.wago.com/788-113
	Item no.: 788-115 Jumper; for jumper slot; 4-way; insulated	www.wago.com/788-115
	Item no.: 859-402 Jumper; for jumper slot; 2-way; insulated; light gray	www.wago.com/859-402
	Item no.: 788-118 Jumper; for jumper slot; from 1 to 3; insulated	www.wago.com/788-118

Tool

Operating tool


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

 **Item no.: 210-720**
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-720


Marking accessories

Marking strip

 **Item no.: 2009-110**
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white


www.wago.com/2009-110

Marking device

 **Item no.: 210-110**
Fiber-tip pen


www.wago.com/210-110

Double marker carrier

 **Item no.: 209-128**
Adaptor; gray


www.wago.com/209-128

Protective marker cover


 **Item no.: 209-184**
Protection cover; transparent

www.wago.com/209-184


Marker

 **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.: 209-183**
Marker card; white


www.wago.com/209-183

 **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**
WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white

www.wago.com/793-504

 **Item no.: 793-505**
WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white

www.wago.com/793-505

Group marker carrier

 **Item no.: 209-145**
Group marker carrier; white

www.wago.com/209-145

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



Item no.: 249-105
Group marker carrier; gray

Downloads Documentation

Bid Text

788-906 X81 - Datei	2019. 2. 19.	xml 5.0 kB	Download
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788-906 docx - Datei	2019. 1. 25.	docx 17.4 kB	Download
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Instruction Leaflet

Sockets with Elementary Relay/ SSR	V 1.0.1 2020. 10. 9.	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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CAD/CAE-Data

CAD data

2D/3D Models 788-906	URL	Download
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CAE data

EPLAN Data Portal 788-906	URL	Download
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WSCAD Universe 788-906	URL	Download
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ZUKEN Portal 788-906	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-906

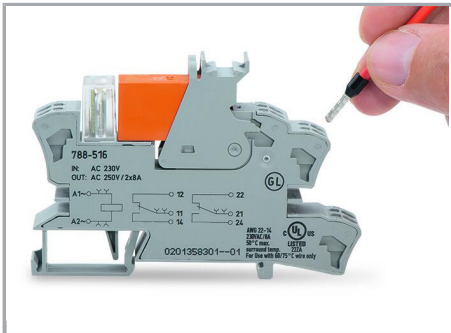
Subject to changes. Please also observe the further product documentation!

Environmental Product Compliance 788-906

Relay module with driven contacts; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 0.3 A; Green status indicator; Module width: 15 mm

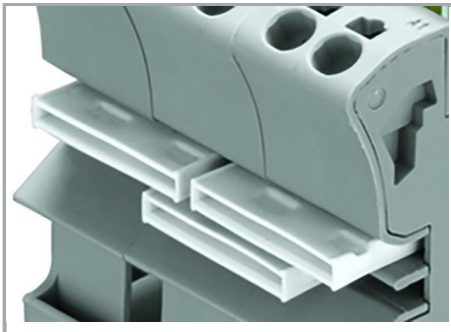
Installation Notes

Conductor termination



Conductor termination

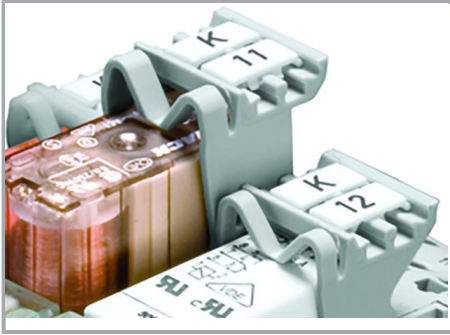
Commoning



Easy commoning using adjacent jumpers

Marking

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



Marking using WMB Multi markers and group marker carriers.

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