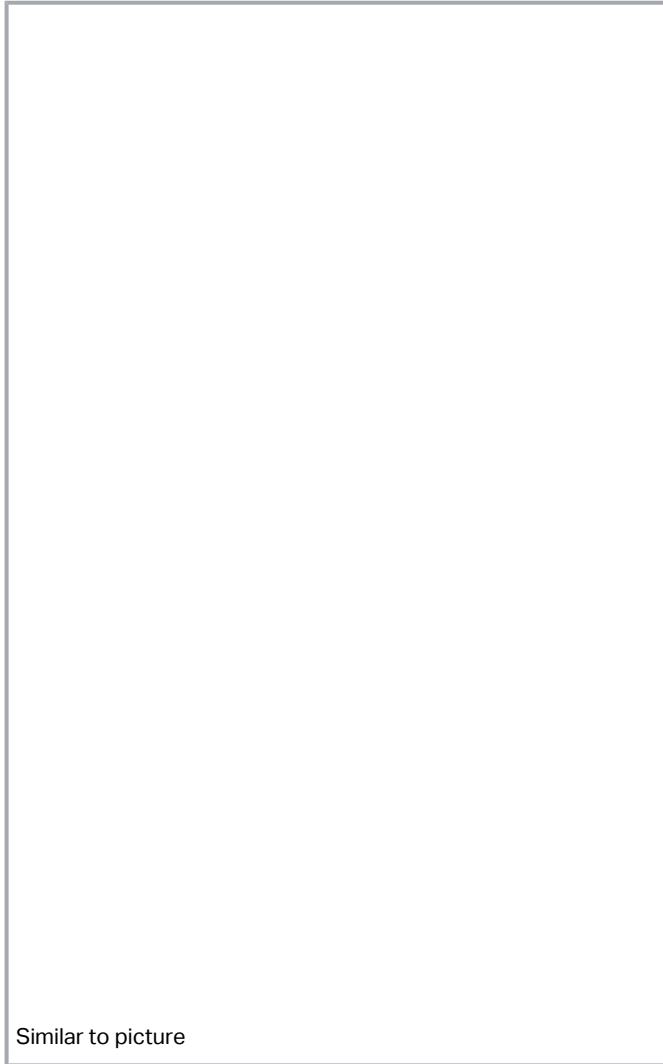


**Data sheet | Item number: 788-906**

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](http://www.wago.com/788-906)

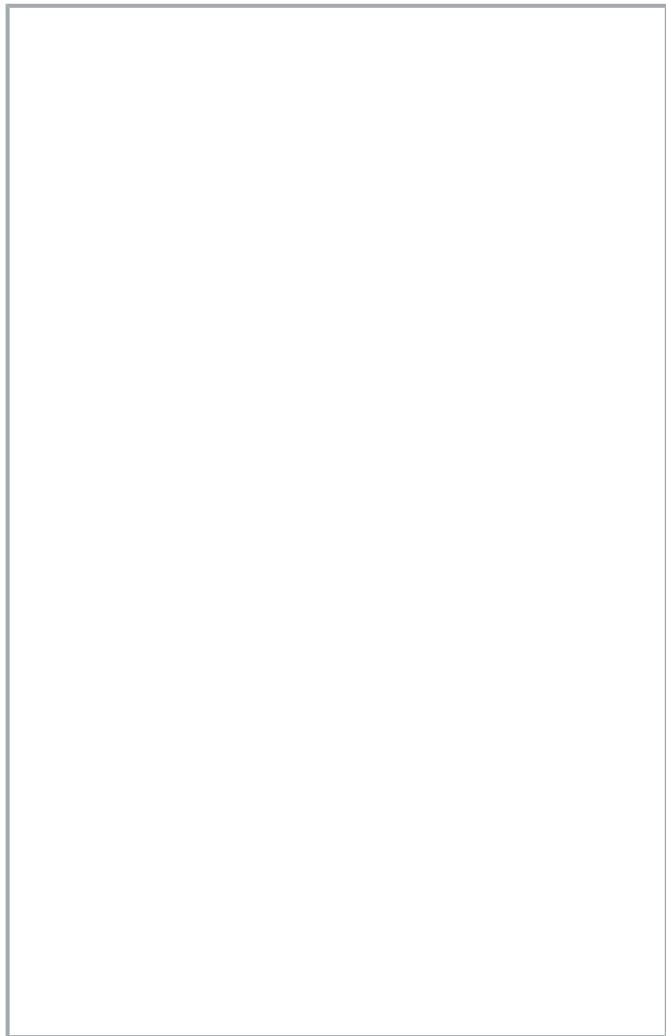
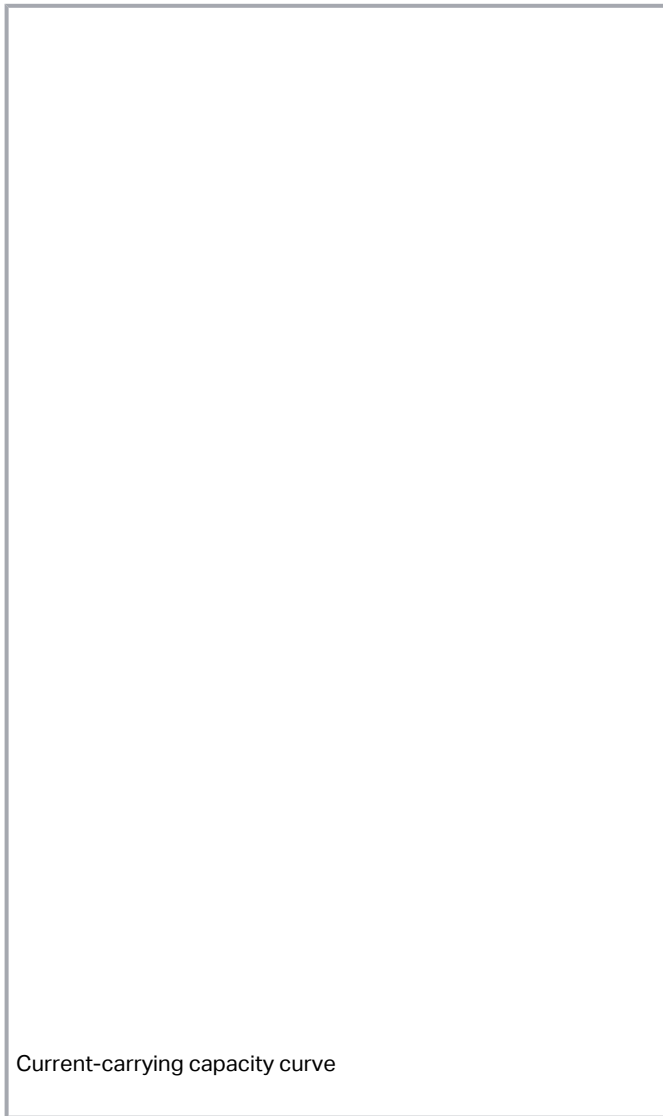


Similar to picture

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

- 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).

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- 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 <sup>3</sup> switching operations
Mechanical life	50 x 10 <sup>6</sup> switching operations
Switching frequency with/without load (max.)	6 min <sup>-1</sup> / 600 min <sup>-1</sup>
Mechanical force-guided operation	Type A

### Signaling

Status indicator	Green LED
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Subject to changes. Please also observe the further product documentation!



## 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	<ul style="list-style-type: none"> <li>■ 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).</li>   <li>■ 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.</li> </ul>
Protection type	IP20

## Connection data

Connection technology	Push-in CAGE CLAMP®
Solid conductor	0.34 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG
Fine-stranded conductor	0.34 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inches

## Physical data

Width	15 mm / 0.591 inches
Height	86 mm / 3.386 inches
Depth from upper-edge of DIN-rail	64 mm / 2.52 inches

## Mechanical data

Mounting type	DIN-35 rail
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## Material Data

Fire load	0.669 MJ
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Subject to changes. Please also observe the further product documentation!



Weight	50 g
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### Environmental requirements

Ambient temperature (operation at $U_N$ )	-40 ... +70 °C
Ambient temperature UL (operation at $U_N$ )	-40 ... +40 °C
Ambient temperature (storage)	-40 ... +70 °C
Processing temperature	-25 ... +50 °C
Temperature range of connection cable	$\geq (T_{\text{ambient}} + 20 \text{ K})$

### 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 ELECTRONIC)
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 8.0	EC001437
ETIM 7.0	EC001437
PU (SPU)	15 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454515126
Customs tariff number	85364900990

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Approvals / Certificates

#### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122

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

<b>UL</b> Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Vol.1 Sec. 6
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## Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	<b>EU-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-
	<b>UK-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-

## Optional accessories

## Ferrule

Ferrule		
<b>Item no.: 216-241</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white		<a href="http://www.wago.com/216-241">www.wago.com/216-241</a>
<b>Item no.: 216-242</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray		<a href="http://www.wago.com/216-242">www.wago.com/216-242</a>
<b>Item no.: 216-243</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red		<a href="http://www.wago.com/216-243">www.wago.com/216-243</a>
<b>Item no.: 216-244</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black		<a href="http://www.wago.com/216-244">www.wago.com/216-244</a>
<b>Item no.: 216-542</b> Twin ferrule; Sleeve for 2 x 1 mm <sup>2</sup> / AWG 2 x 18; red, insulated; 12 mm long; red		<a href="http://www.wago.com/216-542">www.wago.com/216-542</a>

## Indicators

Status indication		
<b>Item no.: 788-120</b> Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 24 VDC		<a href="http://www.wago.com/788-120">www.wago.com/788-120</a>

## Marking accessories

Marking strip		
<b>Item no.: 2009-110</b> Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white		<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
Marking device		
<b>Item no.: 210-110</b> Fiber-tip pen		<a href="http://www.wago.com/210-110">www.wago.com/210-110</a>

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



Double marker carrier		
<b>Item no.: 209-128</b> Adaptor; gray		<a href="http://www.wago.com/209-128">www.wago.com/209-128</a>
Protective marker cover		
<b>Item no.: 209-184</b> Protection cover; transparent		<a href="http://www.wago.com/209-184">www.wago.com/209-184</a>
Marker		
<b>Item no.: 2009-115</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white		<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>
<b>Item no.: 209-183</b> Marker; white		<a href="http://www.wago.com/209-183">www.wago.com/209-183</a>
<b>Item no.: 793-501</b> WMB marking card; as card; not stretchable; plain; snap-on type; white		<a href="http://www.wago.com/793-501">www.wago.com/793-501</a>
<b>Item no.: 793-502</b> WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white		<a href="http://www.wago.com/793-502">www.wago.com/793-502</a>
<b>Item no.: 793-503</b> WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white		<a href="http://www.wago.com/793-503">www.wago.com/793-503</a>
<b>Item no.: 793-504</b> WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white		<a href="http://www.wago.com/793-504">www.wago.com/793-504</a>
<b>Item no.: 793-505</b> WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white		<a href="http://www.wago.com/793-505">www.wago.com/793-505</a>
Group marker carrier		
<b>Item no.: 209-145</b> Group marker carrier; white		<a href="http://www.wago.com/209-145">www.wago.com/209-145</a>
<b>Item no.: 249-105</b> Group marker carrier; gray		<a href="http://www.wago.com/249-105">www.wago.com/249-105</a>
Tool		
Operating tool		
<b>Item no.: 210-720</b> Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured		<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>
Jumpers		
Jumper		
<b>Item no.: 788-116</b> Jumper; for jumper slot; 6-way; insulated; light gray		<a href="http://www.wago.com/788-116">www.wago.com/788-116</a>
<b>Item no.: 788-117</b> Jumper; for jumper slot; 8-way; insulated; light gray		<a href="http://www.wago.com/788-117">www.wago.com/788-117</a>

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<b>Item no.: 788-114</b> Jumper; for jumper slot; 3-way; insulated; light gray	<a href="http://www.wago.com/788-114">www.wago.com/788-114</a>
<b>Item no.: 788-113</b> Jumper; for jumper slot; 2-way; insulated; light gray	<a href="http://www.wago.com/788-113">www.wago.com/788-113</a>
<b>Item no.: 788-115</b> Jumper; for jumper slot; 4-way; insulated; light gray	<a href="http://www.wago.com/788-115">www.wago.com/788-115</a>
<b>Item no.: 859-402</b> Jumper; for jumper slot; 2-way; insulated; light gray	<a href="http://www.wago.com/859-402">www.wago.com/859-402</a>
<b>Item no.: 788-118</b> Jumper; for jumper slot; 2-way; from 1 to 3; insulated; light gray	<a href="http://www.wago.com/788-118">www.wago.com/788-118</a>

## Downloads

### Documentation

#### Bid Text

788-906 X81 - Datei	2019 年2月19日	xml 5.0 kB	Download
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788-906 docx - Datei	2019 年1月25日	docx 17.4 kB	Download
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#### Instruction Leaflet

Sockets with Elementary Relay/ SSR	V 1.0.1 2020 年10月9日	pdf 2.3 MB	Download
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#### Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18日	pdf 2.2 MB	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

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 788-906

URL

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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

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## Installation Notes

### Conductor termination



Conductor termination

### Commoning



Easy commoning using adjacent jumpers

### Marking

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

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Marking using WMB Multi markers and group marker carriers.

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