

**Data sheet | Item number: 788-100**

Relay socket; 1 changeover contact; for 15 mm basic relays; gray

[www.wago.com/788-100](http://www.wago.com/788-100)



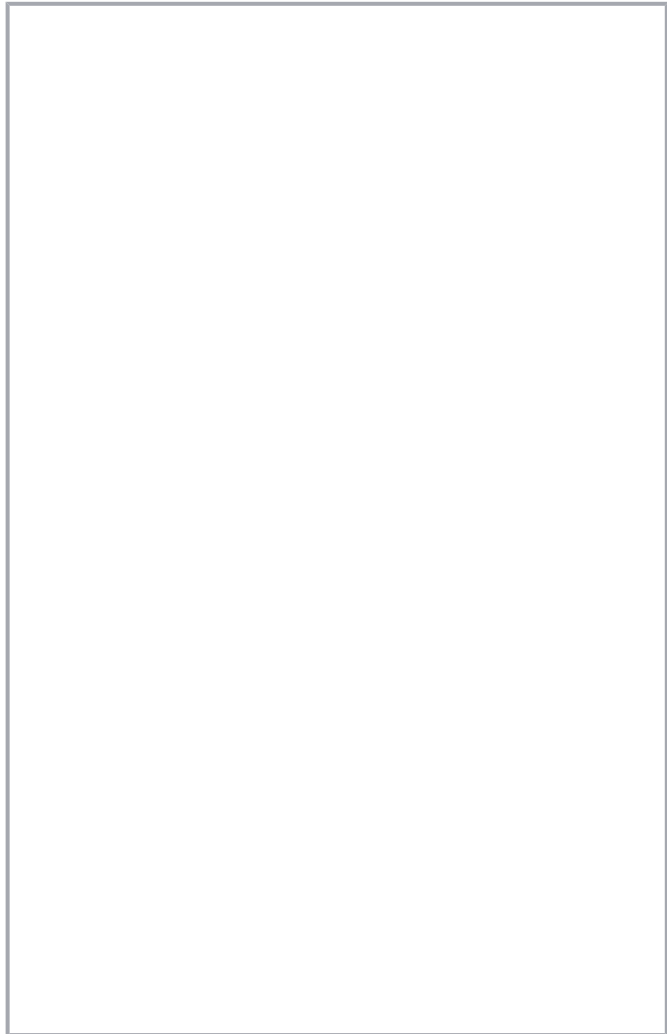
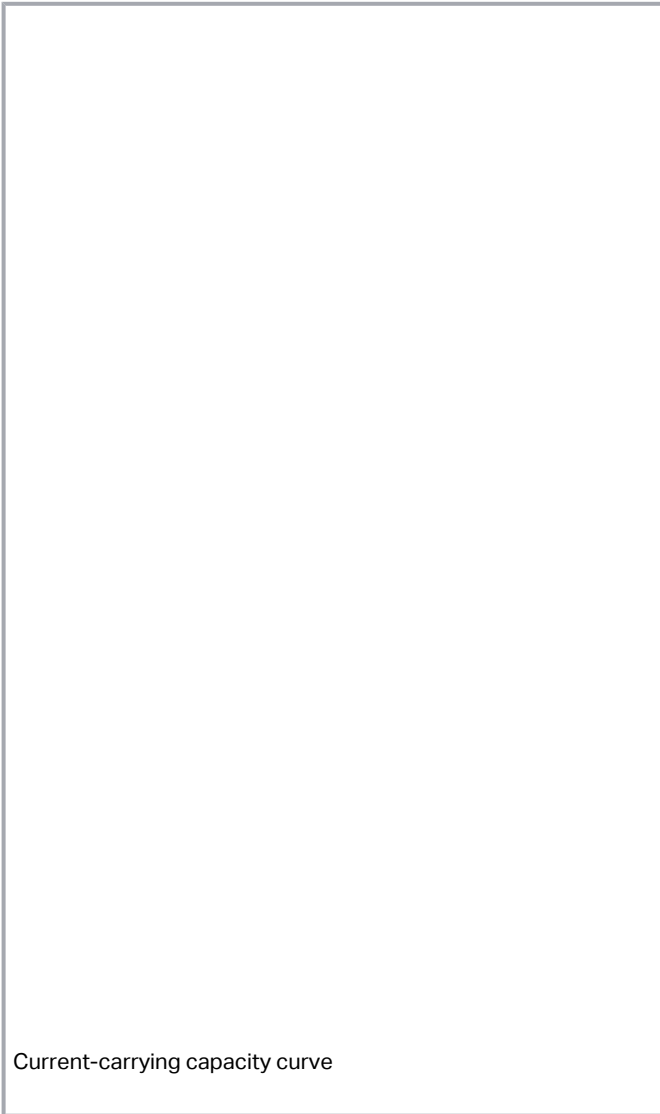
**Color:**

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

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WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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**Data**

**Notes**

Note The specified technical data are maximum values. They may be limited by the accessories used.

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**Technical data**

**Control Circuit**

Nominal input voltage  $U_N$  AC/DC 230 V

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Input voltage range	AC/DC 0 ... 250 V
Nominal input current at $U_N$	0
Nominal frequency range	50 ... 60 Hz

### Load circuit

Number of changeover/switchover contacts	1
Limiting continuous current	16 A
Switching voltage (max.)	AC 300 V
Nominal frequency range	≤60 Hz

### Safety and protection

Rated voltage	300 V
Overvoltage category	II
Pollution degree	3
Dielectric strength (control/load circuit) (AC, 1 min)	3.6 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Dielectric strength (channel/channel) (AC, 1 min)	(depending on relay)
Insulation type (control/load circuit)	Reinforced insulation (safe isolation)
Insulation type (between adjacent devices of the same type)	Basic insulation
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	54 mm / 2.126 inches

### Mechanical data

Mounting type	DIN-35 rail
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Subject to changes. Please also observe the further product documentation!



## Material Data

Color	gray
Fire load	0.64 MJ
Weight	31.2 g
Relative temperature index for plastic (RTI per UL)	105 °C

## Environmental requirements

Ambient temperature (operation at $U_N$ )	-40 ... +70 °C
Ambient temperature (storage)	-40 ... +80 °C
Processing temperature	-25 ... +50 °C
Temperature range of connection cable	$\geq (T_{\text{ambient}} + 20 \text{ K})$
Relative humidity	5 ... 95 % (no condensation permissible)
Operating altitude (max.)	2000 m

## Standards and specifications

Standards/specifications	EN 61010-2-201
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## Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-37-16-03
eCl@ss 9.0	27-37-16-03
ETIM 8.0	EC001456
ETIM 7.0	EC001456
Recupel Type	
PU (SPU)	20 (1) pcs
Packaging type	box
Country of origin	CN
GTIN	4050821591764
Customs tariff number	85366990990

## Environmental Product Compliance

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

### Declarations of conformity and manufacturer's declarations

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

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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

### 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>

### 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>

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>
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	<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>
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	<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>
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	<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>
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	<b>Item no.: 793-504</b>		
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WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; [www.wago.com/793-504](http://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](http://www.wago.com/793-505)  
white

## Group marker carrier

**Item no.: 209-145**

Group marker carrier; white

[www.wago.com/209-145](http://www.wago.com/209-145)

**Item no.: 249-105**

Group marker carrier; gray

[www.wago.com/249-105](http://www.wago.com/249-105)

**Ferrule**

## Ferrule

**Item no.: 216-241**

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

[www.wago.com/216-241](http://www.wago.com/216-241)

**Item no.: 216-242**

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

[www.wago.com/216-242](http://www.wago.com/216-242)

**Item no.: 216-243**

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

[www.wago.com/216-243](http://www.wago.com/216-243)

**Item no.: 216-244**

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

[www.wago.com/216-244](http://www.wago.com/216-244)

**Item no.: 216-542**

Twin ferrule; Sleeve for 2 x 1 mm<sup>2</sup> / AWG 2 x 18; red, insulated; 12 mm long; red

[www.wago.com/216-542](http://www.wago.com/216-542)

**Jumpers**

## Jumper

**Item no.: 788-116**

Jumper; for jumper slot; 6-way; insulated; light gray

[www.wago.com/788-116](http://www.wago.com/788-116)

**Item no.: 788-117**

Jumper; for jumper slot; 8-way; insulated; light gray

[www.wago.com/788-117](http://www.wago.com/788-117)

**Item no.: 788-114**

Jumper; for jumper slot; 3-way; insulated; light gray

[www.wago.com/788-114](http://www.wago.com/788-114)

**Item no.: 788-113**

Jumper; for jumper slot; 2-way; insulated; light gray

[www.wago.com/788-113](http://www.wago.com/788-113)

**Item no.: 788-115**

Jumper; for jumper slot; 4-way; insulated; light gray

[www.wago.com/788-115](http://www.wago.com/788-115)

**Item no.: 859-402**

Jumper; for jumper slot; 2-way; insulated; light gray

[www.wago.com/859-402](http://www.wago.com/859-402)

**Item no.: 788-118**

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WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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Jumper; for jumper slot; 2-way; from 1 to 3; insulated; light gray

[www.wago.com/788-118](http://www.wago.com/788-118)

## Indicators

### Status indication

**Item no.: 788-120**

Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 24 VDC

[www.wago.com/788-120](http://www.wago.com/788-120)
**Item no.: 788-122**

Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 110 VDC

[www.wago.com/788-122](http://www.wago.com/788-122)
**Item no.: 788-123**

Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 24 VAC

[www.wago.com/788-123](http://www.wago.com/788-123)
**Item no.: 788-124**

Accessories for relay modules; Operation status indicator: red

[www.wago.com/788-124](http://www.wago.com/788-124)
**Item no.: 788-121**

Accessories for relay modules; Operation status indicator: red; Nominal operating voltage range: 48 ... 60 VDC

[www.wago.com/788-121](http://www.wago.com/788-121)
**Item no.: 788-125**

Accessories for relay modules; Operation status indicator: red

[www.wago.com/788-125](http://www.wago.com/788-125)

## Basic Relay

### Basic relay

**Item no.: 788-178**

Basic relay; Nominal input voltage: 230 VAC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm

[www.wago.com/788-178](http://www.wago.com/788-178)
**Item no.: 788-150**

Basic relay; Nominal input voltage: 12 VDC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm

[www.wago.com/788-150](http://www.wago.com/788-150)

## Filter Module

### Suppressor module

**Item no.: 788-148**

Filter module; RC filter element; Nominal voltage: 230 VAC

[www.wago.com/788-148](http://www.wago.com/788-148)

## Downloads

### Documentation

#### Bid Text

788-100 docx - Datei	2019 年2月20 日	docx 16.3 kB	Download
788-100 X81 - Datei	2019 年2月19 日	xml 3.7 kB	Download

#### Instruction Leaflet

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



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

##### CAE data

ZUKEN Portal 788-100		URL	Download
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EPLAN Data Portal 788-100		URL	Download
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WSCAD Universe 788-100		URL	Download
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##### CAD data

2D/3D Models 788-100		URL	Download
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#### Environmental Product Compliance

##### Compliance Search

Environmental Product Compliance 788-100 Relay socket; 1 changeover contact; for 15 mm basic relays; gray		URL	Download
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#### Installation Notes

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