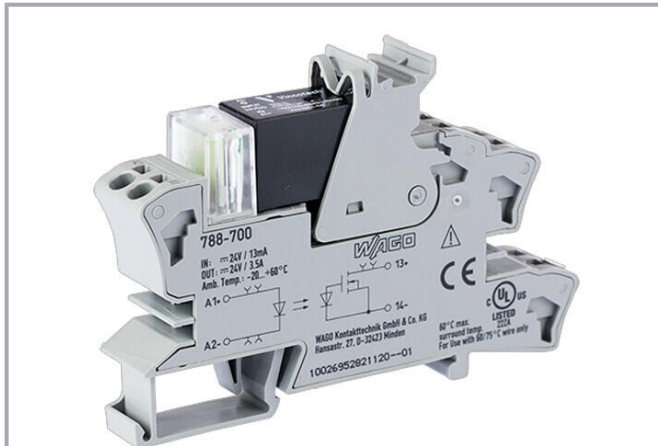


Data sheet | Item number: 788-700

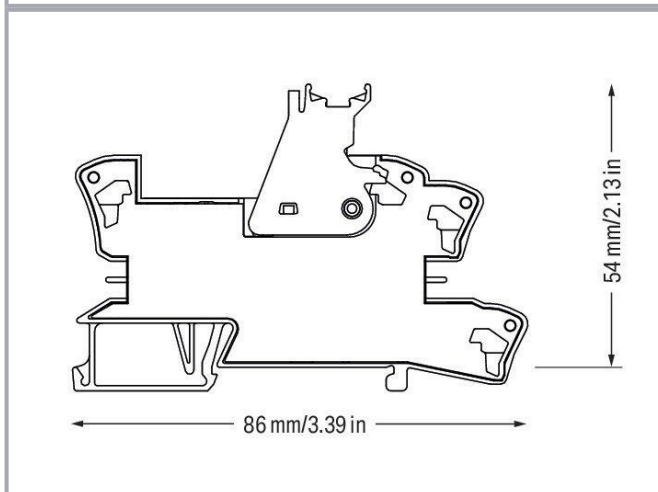
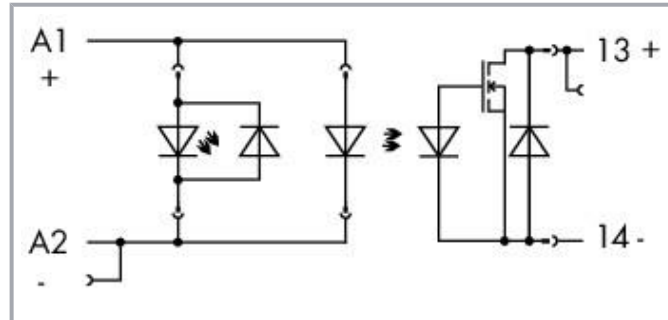
Solid-state relay module; Nominal input voltage: 24 VDC; Output voltage range: 0 ... 24 VDC; Limiting continuous current: 3.5 A; 2-wire connection; Red status indicator; Module width: 15 mm; gray

www.wago.com/788-700



Similar to illustration

Color: ■



Data Notes

Note

Optocouplers and solid state relays are designed for use in signal processing networks, which are not supplied by the low-voltage power supply networks.

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

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Email: info.de@wago.com | Web: www.wago.com

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



Technical data

Control circuit

Nominal input voltage U_N	DC 24 V
Input voltage range (low level)	DC 0 ... 8 V
Input voltage range (high level)	DC 18 ... 30 V
Nominal input current at U_N	7 mA

Load circuit

Circuit type	2-wire connection
Limiting continuous current	3.5 A
Nominal output voltage	DC 24 V
Output voltage range	DC 0 ... 24 V
Voltage drop at output (max.)	$\leq$ DC 0.1 V
Voltage drop	$\leq$ 0.1 VDC
Turn-on time	$\leq$ 50 μ s
Turn-off time	$\leq$ 600 μ s
Switching frequency	$\leq$ 100 Hz

Signaling

Status indicator	Red LED
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Safety and protection

Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	2.5 kVrms
Protection type	IP20

Connection data

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

Physical data

Width	15 mm / 0.591 inches
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Subject to changes. Please also observe the further product documentation!



Height from upper-edge of DIN-rail	54 mm / 2.126 inches
Depth	86 mm / 3.386 inches

Mechanical data

Mounting type	DIN-35 rail
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Material data

Color	gray
Fire load	0.685 MJ
Weight	41.7 g

Environmental requirements

Ambient temperature (operation at U_N)	-20 ... +60 °C
Ambient temperature UL (operation at U_N)	-40 ... +60 °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 61000-6-2 EN 61000-6-3 EN 61373 EN 61010-2-201 UL 508
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Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-26-15-03
eCl@ss 9.0	27-26-15-03
ETIM 8.0	EC001504
ETIM 7.0	EC001504
Recupel Type	
PU (SPU)	20 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454743864

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

Customs tariff number

85365005000

Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC_Certificate_RU_C-DE.AM02.B.00115_19
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Vol.1 Sec.6

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Optional accessories

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

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

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**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; 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**Item no.: 249-105**

Group marker carrier; gray

www.wago.com/249-105

Tool

Operating tool

**Item no.: 210-720**

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

www.wago.com/210-720

Indicators

Status indication

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

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**Item no.: 788-120**

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

www.wago.com/788-120**Ferrule**

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
	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

Jumpers

Jumper

	Item no.: 788-116 Jumper; for jumper slot; 6-way; insulated; light gray	www.wago.com/788-116
	Item no.: 788-117 Jumper; for jumper slot; 8-way; insulated; light gray	www.wago.com/788-117
	Item no.: 788-114 Jumper; for jumper slot; 3-way; insulated; light gray	www.wago.com/788-114
	Item no.: 788-113 Jumper; for jumper slot; 2-way; insulated; light gray	www.wago.com/788-113
	Item no.: 788-115 Jumper; for jumper slot; 4-way; insulated; light gray	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; 2-way; from 1 to 3; insulated; light gray	www.wago.com/788-118

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



Downloads

Documentation

Bid Text

788-700 docx - Datei	2019 Feb 20	docx 15.7 kB	Download
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788-700 X81 - Datei	2019 Feb 19	xml 4.1 kB	Download
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Instruction Leaflet

Sockets with Elementary Relay/ SSR	V 1.0.1 2020 Oct 9	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 Aug 18	pdf 2.2 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 788-700	URL	Download
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CAE data

EPLAN Data Portal 788-700	URL	Download
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WSCAD Universe 788-700	URL	Download
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ZUKEN Portal 788-700	URL	Download
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Asset Administration Shell

Asset Administration Shell 788-700	URL	Download
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Environmental Product Compliance

Compliance Search

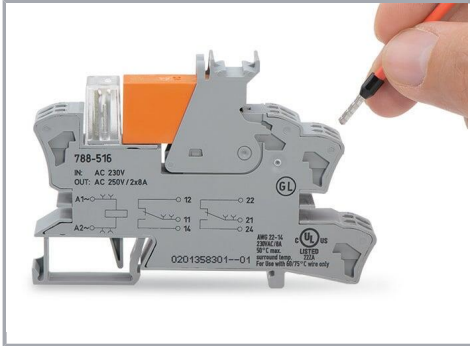
Subject to changes. Please also observe the further product documentation!

Environmental Product Compliance 788-700

Solid-state relay module; Nominal input voltage: 24 VDC; Output voltage range: 0 ... 24 VDC; Limiting continuous current: 3.5 A; 2-wire connection; Red status indicator; Module width: 15 mm; gray

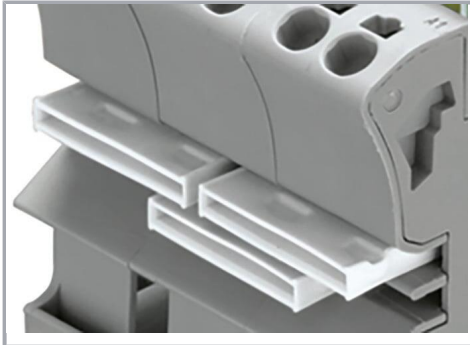
Installation Notes

Conductor termination



Conductor termination

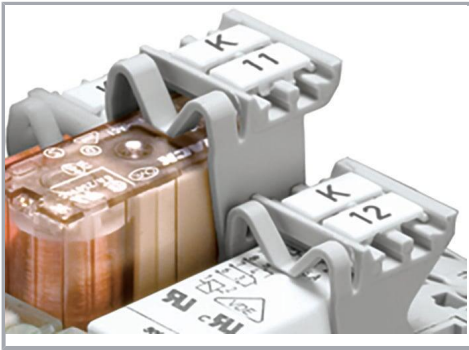
Commoning



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!

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