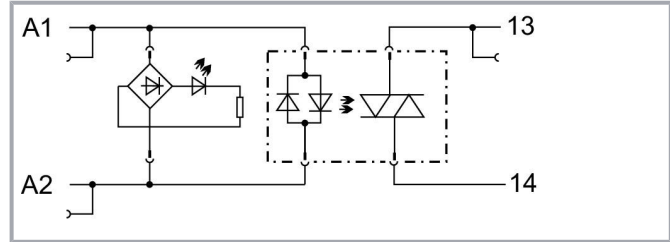
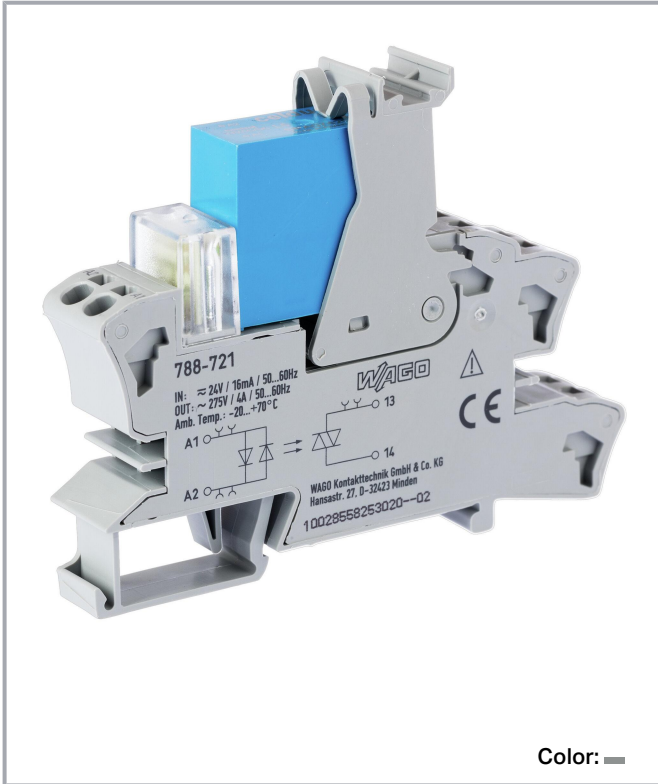


Data sheet | Item number: 788-721

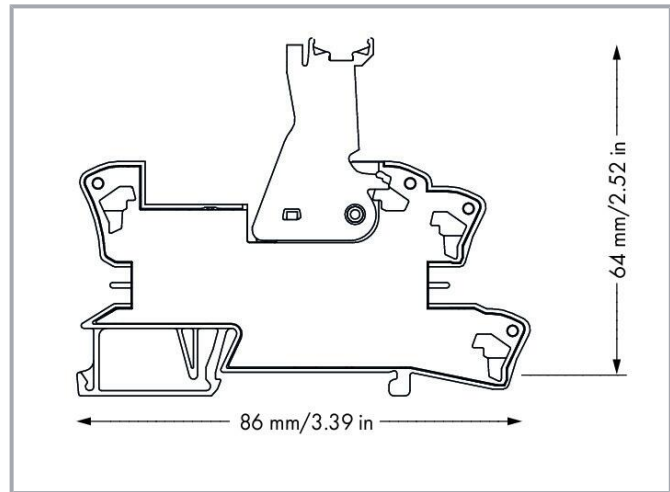
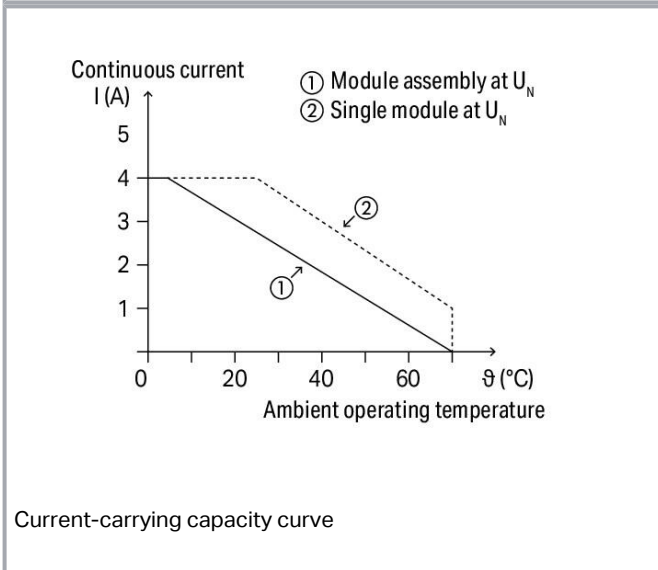
Solid-state relay module; Nominal input voltage: 24 V AC/DC; Output voltage range: 24 ... 230 VAC; Limiting continuous current: 4 A; 2-wire connection; zero-cross switching; Red status indicator; Module width: 15 mm; gray



www.wago.com/788-721



Color: ■



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

Note	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.
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Technical data

Control Circuit

Nominal input voltage U_N	AC/DC 24 V
Input voltage range (low level)	AC/DC 0 ... 2.5 V
Input voltage range (high level)	AC/DC 15 ... 30 V
Nominal input current at U_N	10 mA

Load circuit

Circuit type	2-wire connection Zero-voltage switching
Limiting continuous current	4 A
Nominal output voltage	AC 230 V
Output voltage range	AC 12 ... 275 V (50/60 Hz)
Voltage drop at output (max.)	\leq AC 1.1 V
Turn-on time	\leq 10 ms
Turn-off time	\leq 10 ms
Switching frequency	50 Hz / 60 Hz

Signaling

Status indicator	Red LED
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Safety and protection

Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	4 kVrms
Protection type	IP20

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



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

Mechanical data

Mounting type	DIN-35 rail
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Material Data

Color	gray
Fire load	0.679 MJ
Weight	49.4 g

Environmental requirements

Ambient temperature (operation at U _N)	-20 ... +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	≥ (T _{ambient} + 20 K)

Standards and specifications

Standards/specifications	EN 61000-6-2 EN 61000-6-3 EN 61373 EN 61010-2-201 UL 508 (max. 40 °C/2.5 A)
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Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
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Subject to changes. Please also observe the further product documentation!



eCl@ss 10.0	27-26-15-03
eCl@ss 9.0	27-26-15-03
ETIM 8.0	EC001504
ETIM 7.0	EC001504
PU (SPU)	15 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454945961
Customs tariff number	85365005000

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 020/2011	EAC_Certificate_RU_C-DE.AM02.B.00115_19
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122/19

Declarations of conformity and manufacturer's declarations













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

Optional accessories

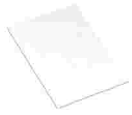
Jumpers

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

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

	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
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
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
Double marker carrier		
	Item no.: 209-128 Adaptor; gray	www.wago.com/209-128
Marking devices		
	Item no.: 210-110 Fiber-tip pen	www.wago.com/210-110
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

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



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

Ferrule

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

Filter Module

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

Suppressor module



Item no.: 788-148

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

www.wago.com/788-148

Indicators

Status indication



Item no.: 788-123

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

www.wago.com/788-123

Downloads

Documentation

Bid Text

788-721 docx - Datei	2019 Feb 20	docx 16.0 kB	Download
788-721 X81 - Datei	2019 Feb 19	xml 4.2 kB	Download

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 788-721	URL	Download
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CAE data

EPLAN Data Portal 788-721	URL	Download
WSCAD Universe 788-721	URL	Download
ZUKEN Portal 788-721	URL	Download

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

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-721

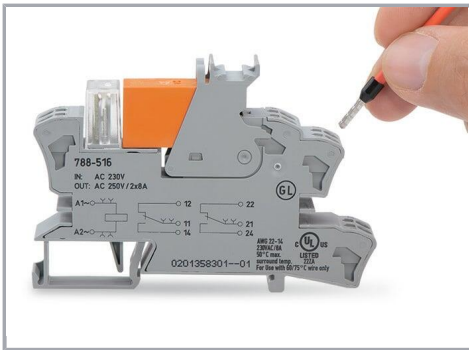
[URL](#)

[Download](#)

Solid-state relay module; Nominal input voltage: 24 V AC/DC; Output voltage range: 24 ... 230 VAC; Limiting continuous current: 4 A; 2-wire connection; zero-cross switching; Red status indicator; Module width: 15 mm; gray

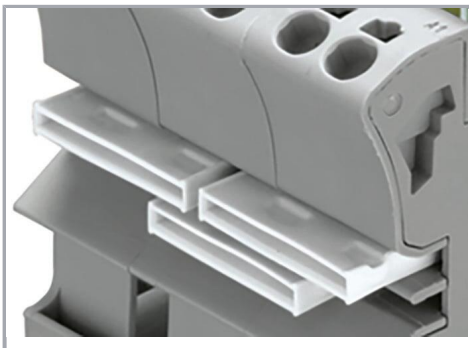
Installation Notes

Conductor termination



Conductor termination

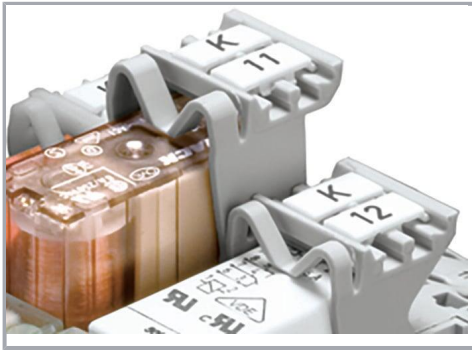
Commoning



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!