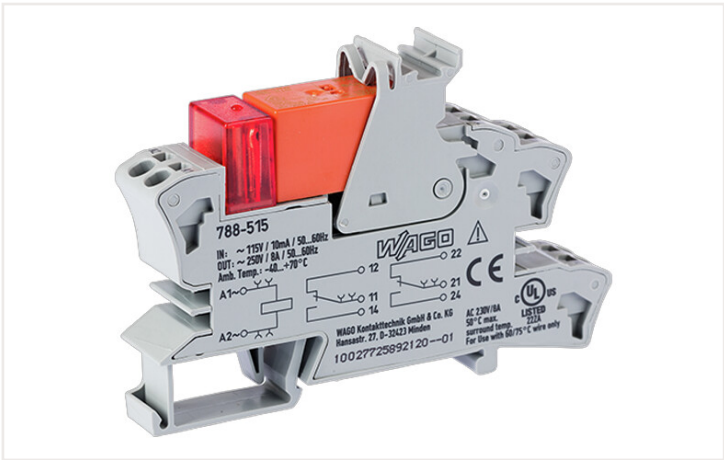


|: 788-515

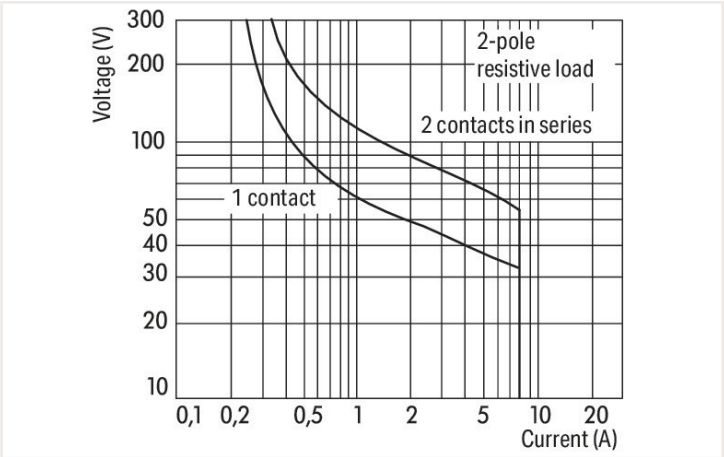
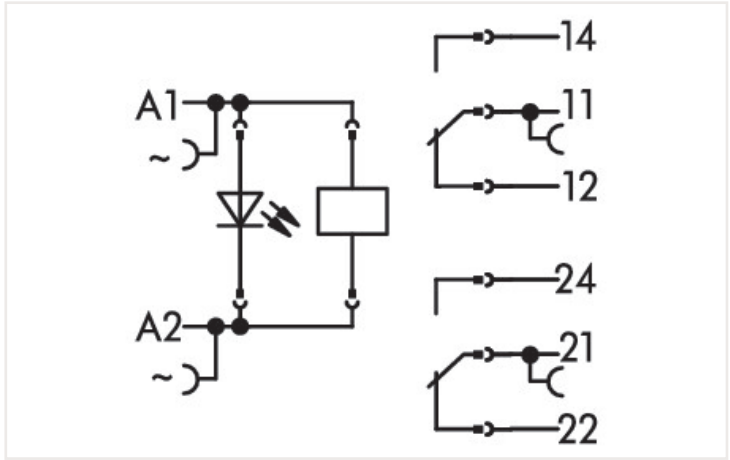
Relay module; Nominal input voltage: 115 VAC; 2 changeover contacts; Limiting continuous current: 8 A; Red status indicator; Module width: 15 mm; 2,50 mm²; gray



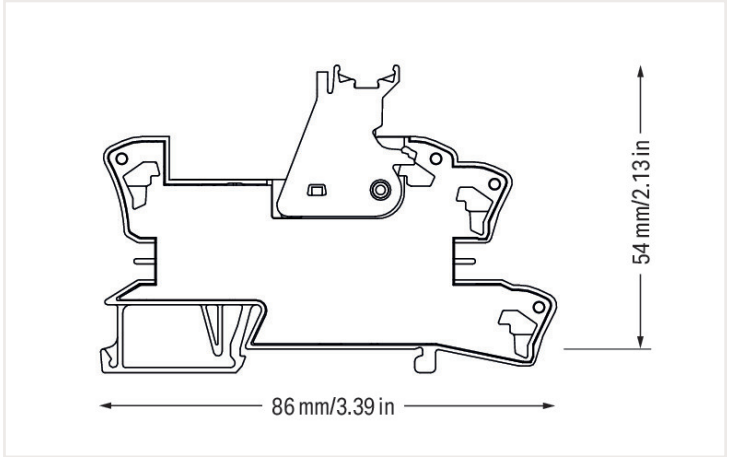
<https://www.wago.com/788-515>



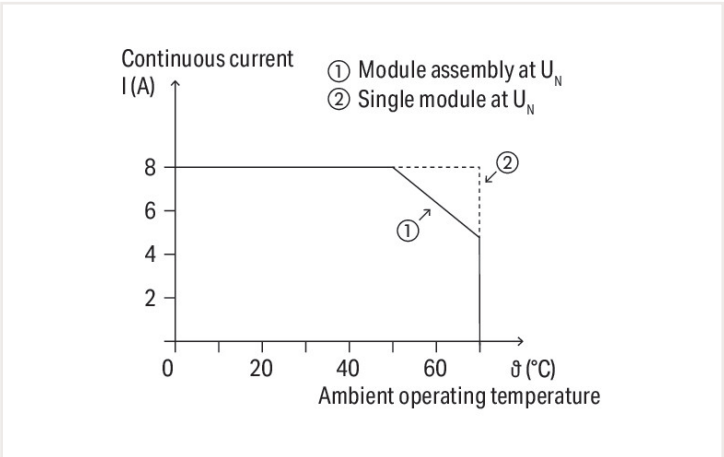
: gray



DC load limit curve



Dimensions in mm



Current-carrying capacity curve

Notes	
Safety information 1	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	Load circuit
Nominal input voltage U _N	AC 115 V
Input voltage range	±10 %
Nominal input current at U _N	8 mA
	Number of changeover/switchover contacts
	2
	Contact material (relay)
	AgNi 90/10
	Limiting continuous current
	8 A
	Inrush current (resistive) max.
	(AC) 15 A / 4 s
	Switching voltage (max.)
	AC 250 V
	Switching power (resistive) max.
	AC 2000 VA; DC (see load limit curve)
	Switching capacity
	AC-15: 3 A / AC 250 V; DC-13: 2 A / DC 24 V
	Recommended minimum load
	12 V / 10 mA
	Pull-in time (typ.)
	10 ms
	Drop-out time (typ.)
	35 ms
	Bounce time (typ.)
	10 ms
	Electrical life (NO; resistive load; 23 °C)
	10 x 10 ³ switching operations
	Mechanical life
	30 x 10 ⁶ switching operations
	Switching frequency with/without load (max.)
	6 min ⁻¹ / 1200 min ⁻¹

Signaling	
Status indicator	Red LED

Safety and protection	
Rated voltage	250 V
Rated surge voltage	4 kV
Pollution degree	3
Dielectric strength (control/load circuit) (AC, 1 min)	5 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Dielectric strength (load/load circuit) (AC, 1 min)	2.5 kVrms
Safety information 1	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 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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Material data

Color	gray
Fire load	0.834 MJ
Weight	45 g

Environmental requirements

Ambient temperature (operation at U _N)	-40 ... 70 °C
Ambient temperature UL (operation at U _N)	-40 ... 50 °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 61373 UL 508 DNV
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Basic relay

WAGO Basic Relay	788-176
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Commercial data

Product Group	6 (Interface Electronics)
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)	20 (1) Stück
Packaging type	Box
Country of origin VKOrg Germany	CN
GTIN	4045454389512
Customs tariff number VKOrg Germany	85364900990

Approvals and certificates

General approvals			Approvals for marine applications		
EAC Brjansker Zertifizierungs- stelle	TP TC 004/2011	EAC RU C-DE.AM02. B.00122/19	DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAA00001D1
UL UL International Nether- lands B.V. (ORDINARY LO- CATIONS)	UL 508	E175199 Sec.6	PRS Polski Rejestr Statków	-	TE/2186/880590/18

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 788-515	

Documentation

Bid Text				Instruction Leaflet			
788-515	19.02.2019	xml 4.60 KB		Sockets with Elementa- ry Relay/ SSR	V 1.0.1 09.10.2020	pdf 2271.22 KB	
788-515	25.01.2019	docx 16.42 KB					

CAD/CAE-Data

CAD data		CAE data	
2D/3D Models 788-515		EPLAN Data Portal 788-515	
		WSCAD Universe 788-515	
		ZUKEN Portal 788-515	

1 Compatible products

1.1 Optional accessories

1.1.1 Basic relay

1.1.1.1 Basic relay



: 788-176
Basic relay; Nominal input voltage: 115 VAC; 2 changeover contacts; Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15 mm

1.1.2 Ferrule

1.1.2.1 Ferrule



: 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



: 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



: 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



: 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

: 216-542
Twin ferrule; Sleeve for 2 x 1 mm² / AWG 2 x 18; red, insulated; 12 mm long; red

1.1.3 Filter module

1.1.3.1 Suppressor module



: 788-148
Filter module; RC filter element; Nominal voltage: 230 VAC

1.1.4 Indicators

1.1.4.1 Status indication

: 788-124
Accessories for relay modules; Operation status indicator: red

1.1.5 Jumper

1.1.5.1 Jumper



:788-118
Jumper; for jumper slot; 2-way; from 1 to 3; insulated; light gray



:788-113
Jumper; for jumper slot; 2-way; insulated; light gray



:859-402
Jumper; for jumper slot; 2-way; insulated; light gray



:788-114
Jumper; for jumper slot; 3-way; insulated; light gray



:788-115
Jumper; for jumper slot; 4-way; insulated; light gray



:788-116
Jumper; for jumper slot; 6-way; insulated; light gray



:788-117
Jumper; for jumper slot; 8-way; insulated; light gray



:249-105
Group marker carrier; gray



:209-145
Group marker carrier; white

1.1.6.1 Double marker carrier



:209-183
Marker card; white



:793-502
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white



:793-503
WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white



:793-504
WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white



:793-505
WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white



:793-501
WMB marking card; as card; not stretchable; plain; snap-on type; white



:2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

1.1.6.4 Marking devices



:210-110
Fiber-tip pen

1.1.6.5 Marking strip



:2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.1.6.6 Protective marker cover



:209-184
Protection cover; transparent

1.1.7 Tool

1.1.7.1 Operating tool

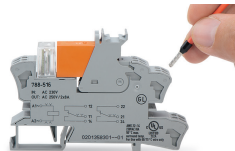


: **210-720**

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

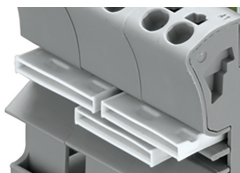
Installation notes

Conductor termination



Conductor termination

Commoning



Easy commoning using adjacent jumpers

Marking



Marking using WMB Multi markers and group marker carriers.