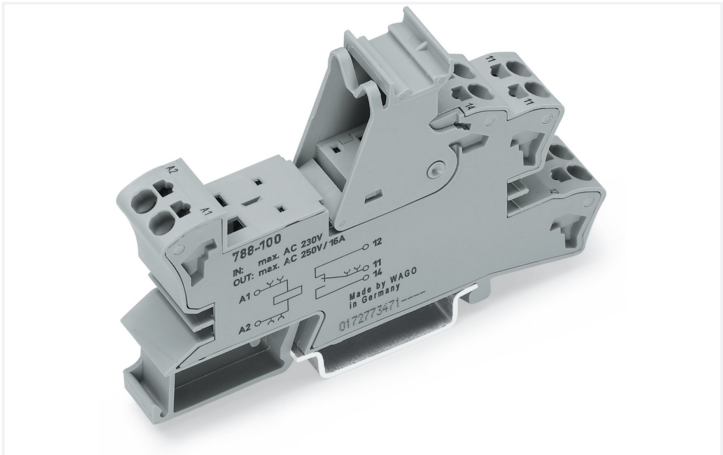
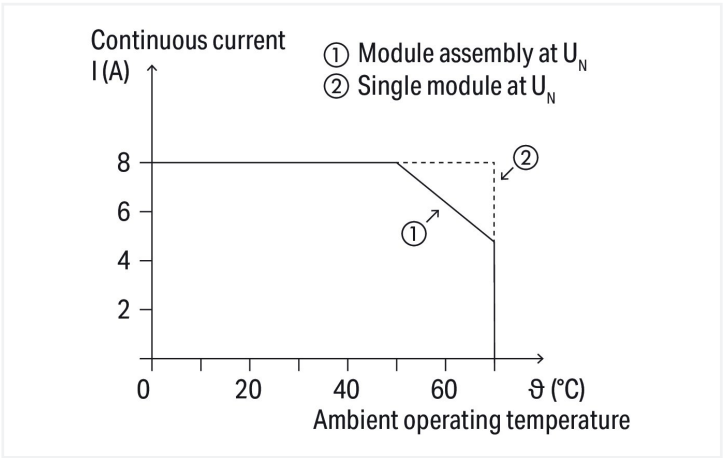
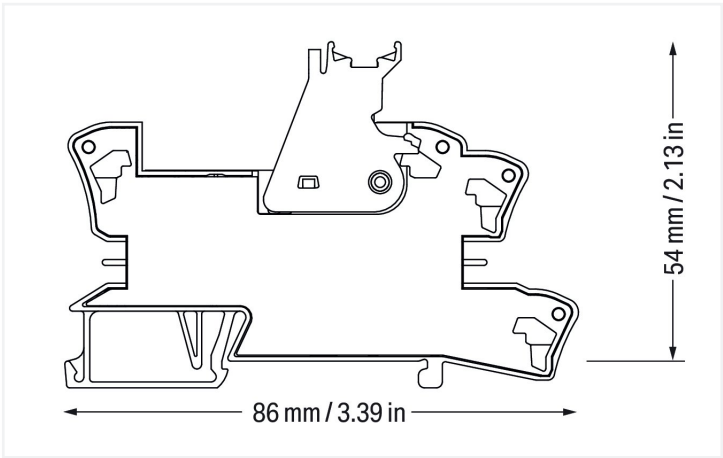
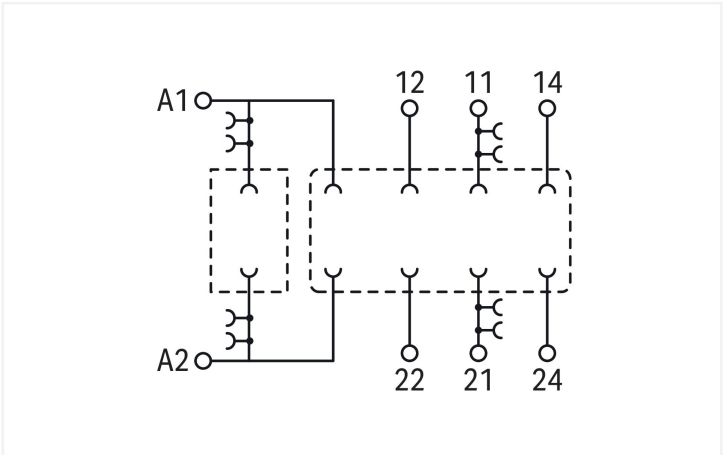




Color: ■ gray

Similar to illustration



Current-carrying capacity curve

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

Technical data			
Control circuit		Load circuit	
Nominal input voltage U_N	230 VAC/VDC	Number of changeover/switchover contacts	2
Input voltage range	0 ... 250 VAC/VDC	Limiting continuous current	8 A
Nominal frequency range	50 ... 60 Hz	Switching Voltage, Max.	300 VAC
		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
Insulation type (control/load circuit)		Reinforced insulation (safe isolation)
Insulation type (load/load circuit)		Basic insulation
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 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

Material data		
Note (material data)		Information on material specifications can be found here
Color		gray
Fire load		0.633 MJ
Weight		30.7 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		≥ (T _{ambient} + 20 K)
Relative humidity		5 ... 95 % (no condensation permissible)
Operating altitude (max.)		2000 m

Standards and specifications		
Standards/specifications		EN 61010-2-201



Commercial data		
Product Group	6 (INTERFACE ELECTRONIC)	
eCl@ss 10.0	27-37-16-03	
eCl@ss 9.0	27-37-16-03	
ETIM 9.0	EC001456	
ETIM 8.0	EC001456	
PU (SPU)	20 (1) pcs	
Packaging type	Box	
Country of origin	CN	
GTIN	4050821591788	
Customs tariff number	85366990990	

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations
		
Approval	Standard	Certificate Name
EAC	TP TC 004/2011	EAC CoC 03084
GZO Almaty Standart		
Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 788-102	

Documentation				
Bid Text			Instruction Leaflet	
788-102	19.02.2019	xml 3.61 KB		Sockets with Elementary Relay/ SSR
788-102	20.02.2019	docx 16.15 KB		V 1.0.1 09.10.2020
				pdf 2271.22 KB
				



CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 788-102 	EPLAN Data Portal 788-102 
	WSCAD Universe 788-102 
	ZUKEN Portal 788-102 

1 Compatible Products

1.1 Optional Accessories

1.1.1 Basic relay

1.1.1.1 Basic relay



[Item No.: 788-152](#)
Basic relay; Nominal input voltage: 12 VDC; 2 changeover contacts; Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15 mm



[Item No.: 788-180](#)
Basic relay; Nominal input voltage: 230 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



[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



[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



[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



[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



[Item No.: 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



[Item No.: 788-148](#)
Filter module; RC filter element; Nominal voltage: 230 VAC



1.1.4 Indicators

1.1.4.1 Status indication



Item No.: 788-124
Accessories for relay modules; Operation status indicator: red



Item No.: 788-125
Accessories for relay modules; Operation status indicator: red



Item No.: 788-121
Accessories for relay modules; Operation status indicator: red; Nominal operating voltage range: 48 ... 60 VDC



Item No.: 788-122
Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 110 VDC



Item No.: 788-123
Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 24 VAC



Item No.: 788-120
Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 24 VDC

1.1.5 Jumper

1.1.5.1 Jumper



Item No.: 788-118
Jumper; for jumper slot; 2-way; from 1 to 3; insulated; light gray



Item No.: 788-113
Jumper; for jumper slot; 2-way; insulated; light gray



Item No.: 859-402
Jumper; for jumper slot; 2-way; insulated; light gray



Item No.: 788-114
Jumper; for jumper slot; 3-way; insulated; light gray



Item No.: 788-115
Jumper; for jumper slot; 4-way; insulated; light gray



Item No.: 788-116
Jumper; for jumper slot; 6-way; insulated; light gray



Item No.: 788-117
Jumper; for jumper slot; 8-way; insulated; light gray

1.1.6 Marking

1.1.6.1 Double marker carrier



Item No.: 209-128
Adaptor; gray

1.1.6.2 Group marker carrier



Item No.: 249-105
Group marker carrier; gray



Item No.: 209-145
Group marker carrier; white

1.1.6.3 Marker



Item No.: 209-183
Marker; white



Item No.: 793-502
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-503
WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-504
WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-505
WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type; white



Item No.: 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 device



Item No.: 210-110
Fiber-tip pen

1.1.6.5 Marking strip



Item No.: 2009-110
Marking strips; for Smart Printer; on reel;
not stretchable; plain; snap-on type; white

1.1.6.6 Protective marker cover



Item No.: 209-184
Protection cover; transparent

1.1.7 Tool

1.1.7.1 Operating tool



Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a
partially insulated shaft; multicoloured