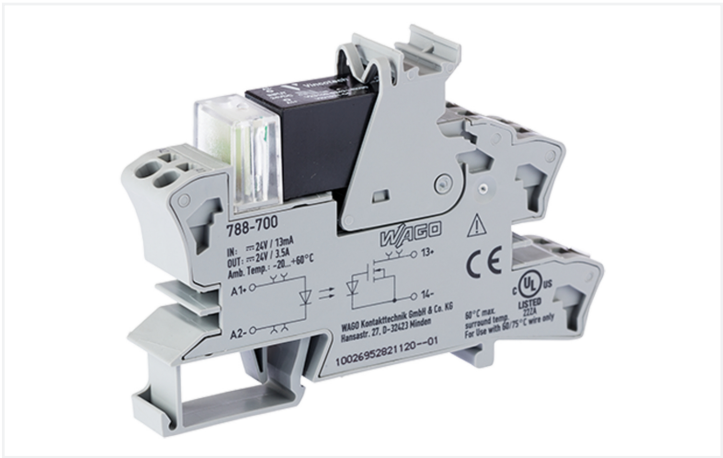


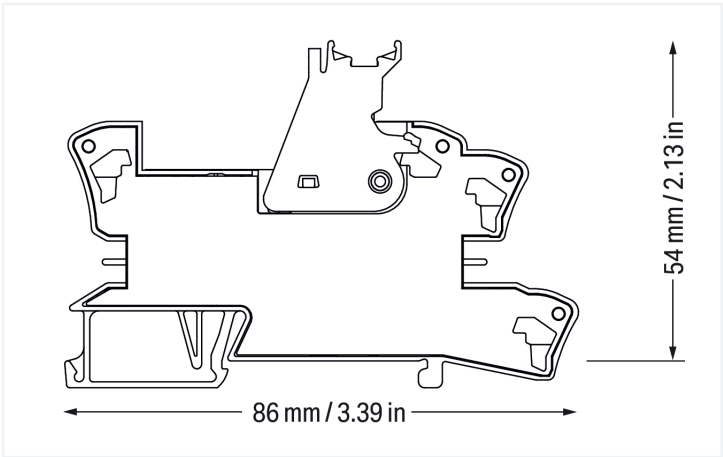
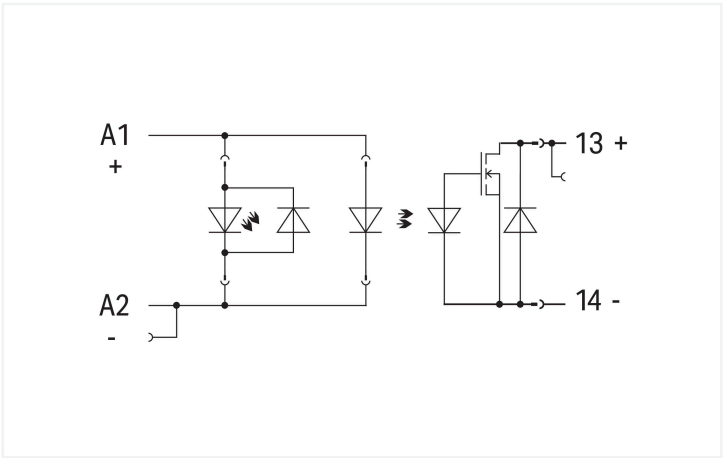
**Data Sheet | Item Number: 788-700**

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

<https://www.wago.com/788-700>



Color: ■ gray



Technical data			
Control circuit		Load circuit	
Nominal input voltage $U_N$	24 VDC	Circuit type	2-wire connection
Input voltage range (low level)	0 ... 8 VDC	Limiting continuous current	3.5 A
Input voltage range (high level)	18 ... 30 VDC	Nominal output voltage	24 VDC
Nominal input current at $U_N$	7 mA	Output voltage range	0 ... 24 VDC
		Voltage drop	$\leq 0.1$ VDC
		Turn-on time	$\leq 50 \mu s$
		Turn-off time	$\leq 600 \mu s$
		Switching frequency	$\leq 100$ Hz
Signaling			
Status indicator	Red LED		



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 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)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Fire load	0.678 MJ
Weight	41.7 g

Environmental requirements	
Ambient temperature (operation at U <sub>N</sub> )	-20 ... +60 °C
Ambient temperature UL (operation at U <sub>N</sub> )	-40 ... +60 °C
Ambient temperature (storage)	-40 ... +70 °C
Processing temperature	-25 ... +50 °C
Temperature range of connection cable	≥ (T <sub>ambient</sub> + 20 K)


Standards and specifications	
Standards/specifications	EN 61000-6-2 EN 61000-6-3 EN 61373 EN 61010-2-201 UL 508

Commercial data	
Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	20 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454743864
Customs tariff number	85365005000










Product classification		
UNSPSC		39122334
eCl@ss 10.0		27-26-15-03
eCl@ss 9.0		27-26-15-03
ETIM 9.0		EC001504
ETIM 8.0		EC001504
ECCN		NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations
		
Approval	Standard	Certificate Name
UL	UL 508	E175199 Vol.1 Sec.6
Underwriters Laboratories Inc. (ORDINARY LOCATIONS)		EU-Declaration of Conformity WAGO GmbH & Co. KG

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 788-700	

Documentation			
Bid Text		Instruction Leaflet	
788-700	19.02.2019	xml 4.02 KB	
788-700	20.02.2019	docx 15.36 KB	
		Sockets with Elementary Relay/ SSR	V 1.0.1 09.10.2020 pdf 2271.22 KB 

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 788-700	EPLAN Data Portal 788-700
	WSCAD Universe 788-700
	ZUKEN Portal 788-700
	
	
	



1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 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

1.1.2 Indicators

1.1.2.1 Status indication



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

1.1.3 Jumper

1.1.3.1 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

1.1.4 Marking

1.1.4.1 Double marker carrier



[Item No.: 209-128](#)  
Adaptor; gray



1.1.4.2 Group marker carrier



[Item No.: 249-105](#)  
Group marker carrier; gray



[Item No.: 209-145](#)  
Group marker carrier; white

1.1.4.3 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

1.1.4.4 Marking device



[Item No.: 210-110](#)  
Fiber-tip pen

1.1.4.5 Marking strip



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

1.1.4.6 Protective marker cover



[Item No.: 209-184](#)  
Protection cover; transparent

1.1.5 Tool

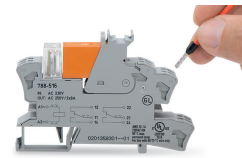
1.1.5.1 Operating tool



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

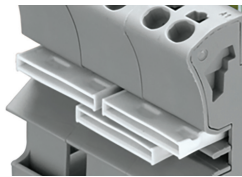
Installation Notes

Conductor termination



Conductor termination

Commoning



Easy commoning using adjacent jumpers

Marking



Marking using WMB Multi markers and group marker carriers.