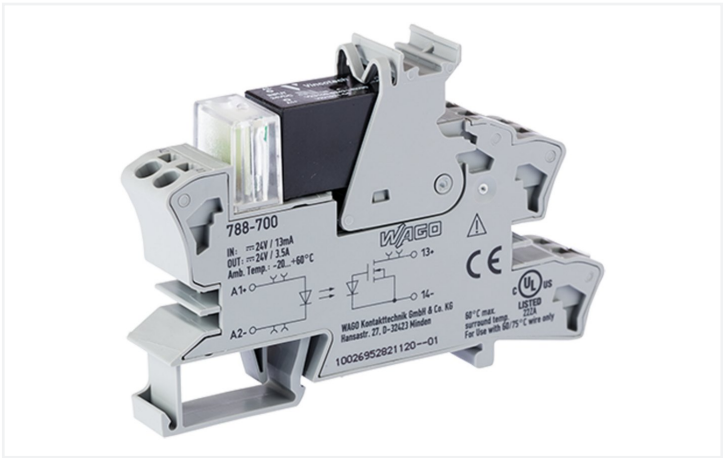


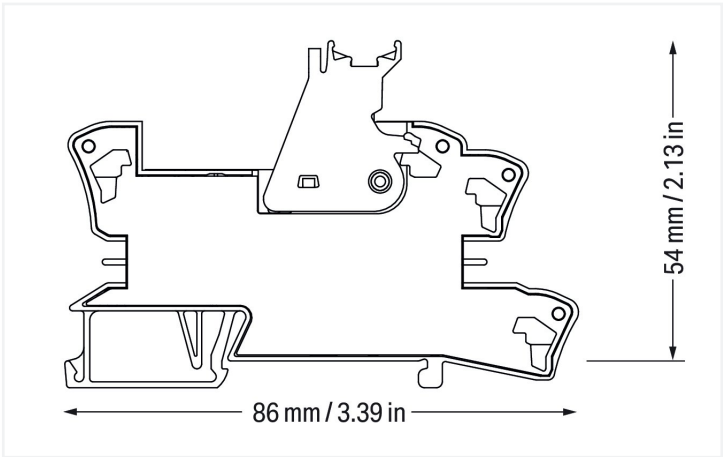
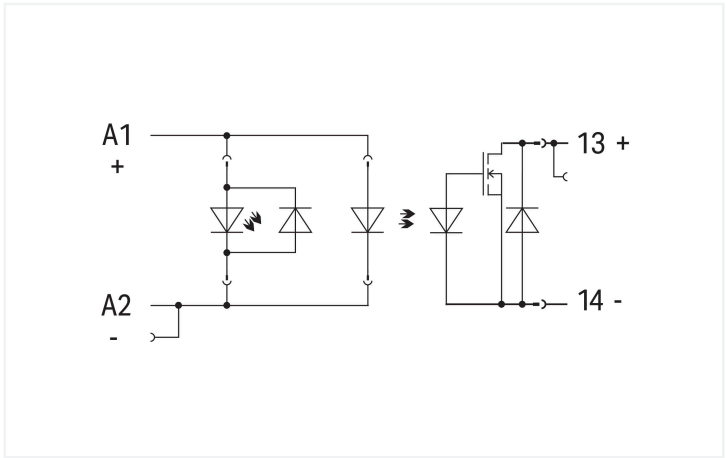
Data Sheet | Item Number: 788-700

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	≤ 0.1 VDC
		Turn-on time	$\leq 50 \mu s$
		Turn-off time	$\leq 600 \mu s$
		Switching frequency	≤ 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)	Information on material specifications can be found here
Color	gray
Fire load	0.678 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	≥ (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

Commercial data	
Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-26-15-03
eCl@ss 9.0	27-26-15-03
ETIM 9.0	EC001504
ETIM 8.0	EC001504
PU (SPU)	20 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454743864
Customs tariff number	85365005000



Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Vol.1 Sec.6	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		Sockets with Elementary Relay/ SSR	V 1.0.1 09.10.2020	pdf 2271.22 KB	
788-700	20.02.2019	docx 15.36 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

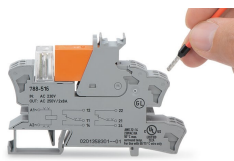
1.1.5.1 Operating tool



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

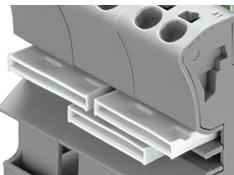
Installation Notes

Conductor termination



Conductor termination

Commoning



Easy commoning using adjacent jumpers

Marking



Marking using WMB Multi markers and group marker carriers.