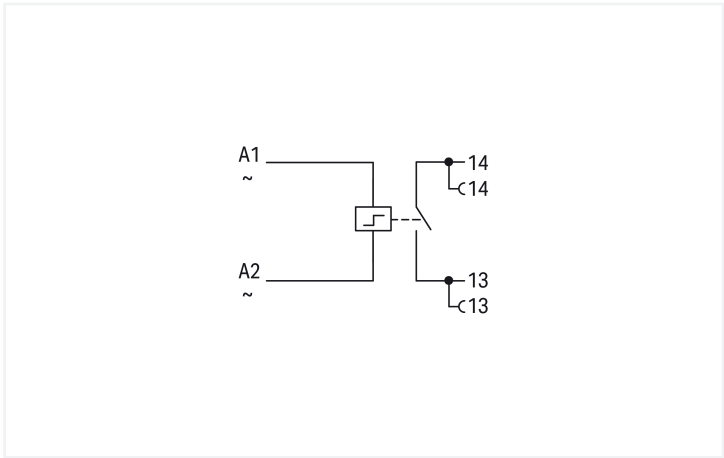


Data Sheet | Item Number: 789-570

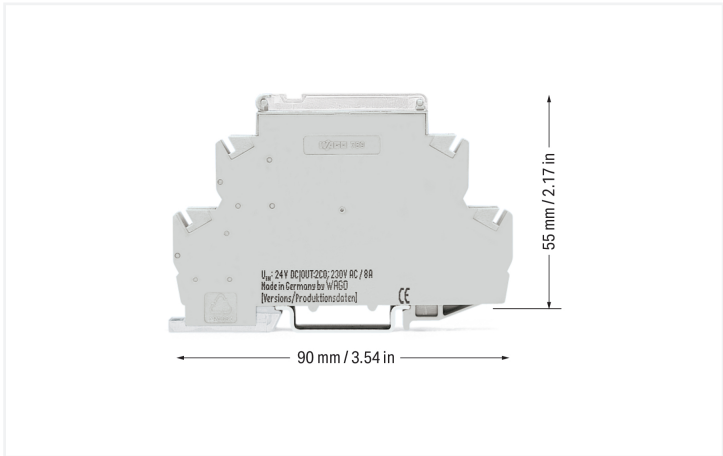
Latching relay module; Nominal input voltage: 230 VAC; 1 make contact; Limiting continuous current: 16 A; Red status indicator; Module width: 18 mm; 2,50 mm²; gray

<https://www.wago.com/789-570>



Color: ■ gray

Similar to illustration



Technical data			
Control circuit		Load circuit	
Nominal input voltage U_N	230 VAC	Number of make/switch-on contacts	1
Input voltage range	-15 ... +10 %	Contact material (relay)	AgSnO ₂
Nominal input current at U_N	10 mA	Limiting continuous current	16 A
Coil Control	Pulse mode	Inrush current (resistive) max.	(AC) 50 A / 0.02 s
Minimum pulse length (control input)	40 ms	Switching Voltage, Max.	250 VAC
Minimum break time	180 ms	Switching power (resistive) max.	AC 4000 VA
		Recommended minimum load	10 V / 10 mA
		Electrical life (NO; resistive load; 23 °C)	50 x 10 ³ switching operations
		Mechanical life	100 x 10 ³ switching operations
		Switching frequency with/without load (max.)	6 min ⁻¹ / 240 min ⁻¹
		Circuit protection	Circuit breaker: 16 A (max.); Tripping characteristic: B



Signaling	
Status indicator	Red LED

Safety and protection	
Rated Voltage	250 V
Rated impulse withstand voltage	4 kV
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	4 kVrms
Protection type	IP20

Connection Data	
Connection technology	CAGE CLAMP®
Solid conductor	0.2 ... 2.5 mm² / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 2.5 mm² / 24 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inches

Physical data	
Width	17.5 mm / 0.689 inches
Height	90 mm / 3.543 inches
Depth from upper-edge of DIN-rail	55 mm / 2.165 inches

Mechanical data	
Housing design	DIN-rail-mount enclosure
Mounting type	DIN-35 rail

Material data	
Note (material data)	Information on material specifications can be found here
Color	gray
Fire load	0.666 MJ
Weight	59.4 g

Environmental requirements	
Ambient temperature (operation at U _N)	-25 ... +40 °C
Ambient temperature (storage)	-40 ... +85 °C
Processing temperature	-25 ... +50 °C

Standards and Specifications	
Standards/specifications	EN 60664-1



Commercial data		
Product Group	6 (INTERFACE ELECTRONIC)	
PU (SPU)	10 (1) pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4017332790222	
Customs tariff number	85364900990	

Product Classification		
UNSPSC	39121529	
eCl@ss 10.0	27-14-23-09	
eCl@ss 9.0	27-14-23-09	
ETIM 9.0	EC001437	
ETIM 10.0	EC001437	
ECCN	NO US CLASSIFICATION	

Environmental Product Compliance		
RoHS Compliance Status	Compliant,No Exemption	

Approvals / Certificates		
General approvals		



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

Downloads		
Environmental Product Compliance		
Compliance Search		
Environmental Product Compliance 789-570		

Documentation							
Bid Text				Instruction Leaflet			
789-570	19.02.2019	xml 4.85 KB		Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	
789-570	20.02.2019	docx 16.47 KB					



CAD/CAE-Data	
CAD data 2D/3D Models 789-570 ↓	CAE data EPLAN Data Portal 789-570 ↓
	WSCAD Universe 789-570 ↓
	ZUKEN Portal 789-570 ↓

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

1.1.2 Jumper

1.1.2.1 Jumper



Item No.: 789-112

Jumper; 12-way; silver-colored

1.1.3 Marking

1.1.3.1 Marker



Item No.: 2009-145

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 248-502

Mini-WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-566

Mini-WSB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-503

Mini-WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-504

Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-506

Mini-WSB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-452

Mini-WSB marking card; as card; MARKED; K (100x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-450

Mini-WSB marking card; as card; MARKED; K1 - K10 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-451

Mini-WSB marking card; as card; MARKED; K11 - K20 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-455

Mini-WSB marking card; as card; MARKED; U 100 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-453

Mini-WSB marking card; as card; MARKED; U1 ... U10 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-454

Mini-WSB marking card; as card; MARKED; U11 - U20 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 248-501

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

1.1.3.2 Marking device



Item No.: 210-110

Fiber-tip pen

1.1.4 Tool

1.1.4.1 Operating tool

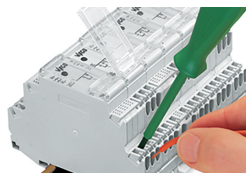


Item No.: 210-720

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

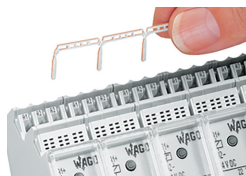
Installation Notes

Conductor termination



Inserting a conductor.

Commoning



Easy commoning via adjacent jumpers.

Marking



Marking via Mini-WSB Quick Marking System.