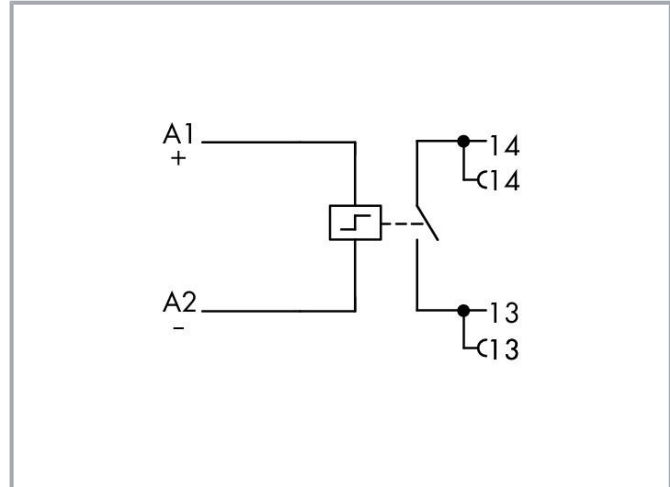
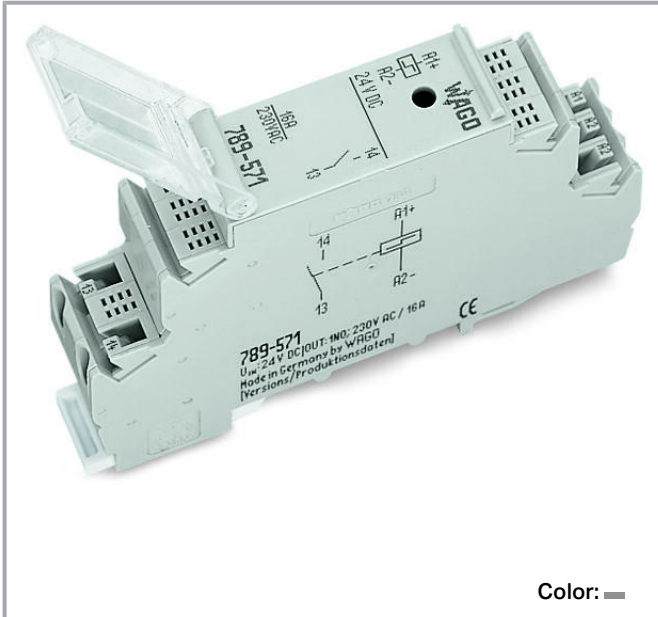


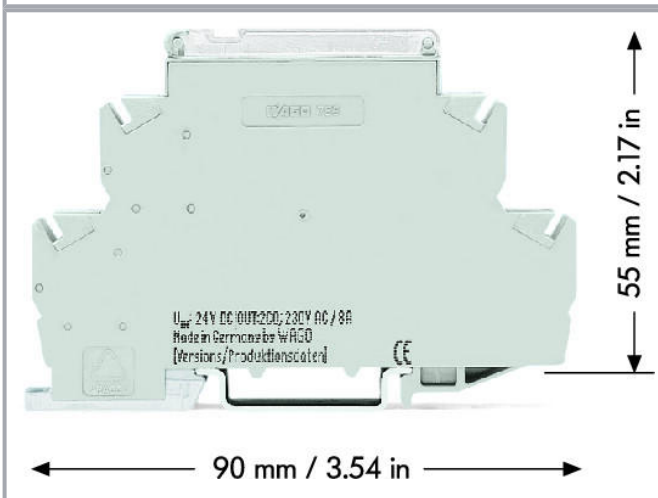
Data sheet | Item number: 789-571

Latching relay module; Nominal input voltage: 24 VDC; 1 make contact;
Limiting continuous current: 16 A; Red status indicator; Module width: 18 mm; 2,50 mm²; gray

www.wago.com/789-571



Color: —



Data

Technical data

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Control circuit

Nominal input voltage U_N	DC 24 V
Input voltage range	-15 ... +10 %
Nominal input current at U_N	42 mA
Coil control	Pulse mode
Minimum pulse length (control input)	40 ms
Minimum break time	180 ms

Load circuit

Number of make/switch-on contacts	1
Contact material (relay)	AgSnO ₂
Limiting continuous current	16 A
Inrush current (resistive) (max.)	(AC) 50 A / 0.02 s
Switching voltage (max.)	AC 250 V
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	1 x 10 ⁶ 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
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Safety and protection

Rated voltage	250 V
Rated surge 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®
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Subject to changes. Please also observe the further product documentation!



Solid conductor	0.2 ... 2.5 mm ² / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 2.5 mm ² / 24 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch

Physical data

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

Mechanical data

Mounting type	DIN-35 rail
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Material data

Color	gray
Fire load	0.742 MJ
Weight	58.8 g

Environmental requirements

Surrounding air temperature (operation at U_N)	-25 ... 40 °C
Surrounding air temperature (storage)	-40 ... 85 °C
Processing temperature	-25 ... +50 °C

Standards and specifications

Standards/Specifications	EN 60664-1
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Commercial data















Product Group	6 (Interface Electronics)
PU (SPU)	10 (1) Stück
Packaging type	box
Country of origin	DE
GTIN	4045454572655
Customs tariff number	85364900990

Optional accessories

Marking accessories

Subject to changes. Please also observe the further product documentation!







Marking device

	Item no.: 210-110 Fiber-tip pen	www.wago.com/210-110
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	www.wago.com/2009-145
	Item no.: 248-451 Mini-WSB marking card; as card; MARKED; K11 - K20 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-451
	Item no.: 248-455 Mini-WSB marking card; as card; MARKED; U 100 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-455
	Item no.: 248-450 Mini-WSB marking card; as card; MARKED; K1 - K10 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-450
	Item no.: 248-452 Mini-WSB marking card; as card; MARKED; K (100x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-452
	Item no.: 248-453 Mini-WSB marking card; as card; MARKED; U1, ... U10 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-453
	Item no.: 248-454 Mini-WSB marking card; as card; MARKED; U11 - U20 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-454
	Item no.: 248-566 Mini-WSB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-566
	Item no.: 248-501 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/248-501
	Item no.: 248-504 Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-504
	Item no.: 248-503 Mini-WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-503
	Item no.: 248-506 Mini-WSB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-506
	Item no.: 248-502 Mini-WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-502

Tool

Operating tool

Subject to changes. Please also observe the further product documentation!

	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	www.wago.com/210-720
Ferrule		
Ferrule		
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	www.wago.com/216-241
	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	www.wago.com/216-242
	Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	www.wago.com/216-243
	Item no.: 216-244 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-244
Jumpers		
Jumper		
	Item no.: 789-112 Jumper; 12-way; silver-colored	www.wago.com/789-112

Downloads

Documentation

Bid Text

789-571 X81 - Datei	2019. 2. 19.	xml 5.0 kB	Download
789-571 docx - Datei	2019. 2. 20.	docx 16.9 kB	Download

Instruction Leaflet

		pdf 1.3 MB	Download
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Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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CAD/CAE-Data

CAD data

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2D/3D Models 789-571

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CAE data

EPLAN Data Portal 789-571

[URL](#)

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WSCAD Universe 789-571

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ZUKEN Portal 789-571

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 789-571

[URL](#)

[Download](#)

Latching relay module; Nominal input voltage: 24 VDC; 1 make contact; Limiting continuous current: 16 A; Red status indicator; Module width: 18 mm; 2,50 mm²; gray

Installation Notes

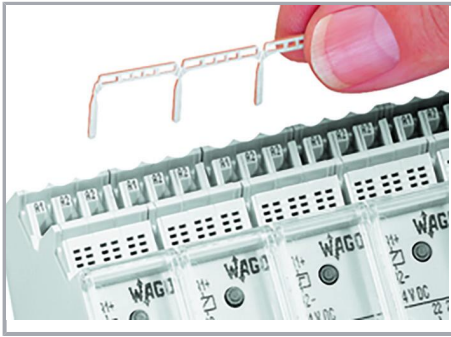
Conductor termination



Inserting a conductor.

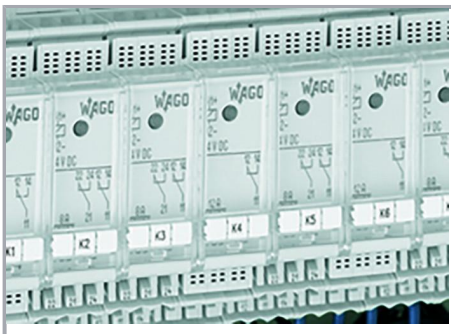
Commoning

Subject to changes. Please also observe the further product documentation!



Easy commoning via adjacent jumpers.

Marking



Marking via Mini-WSB Quick Marking System.

Subject to changes. Please also observe the further product documentation!