

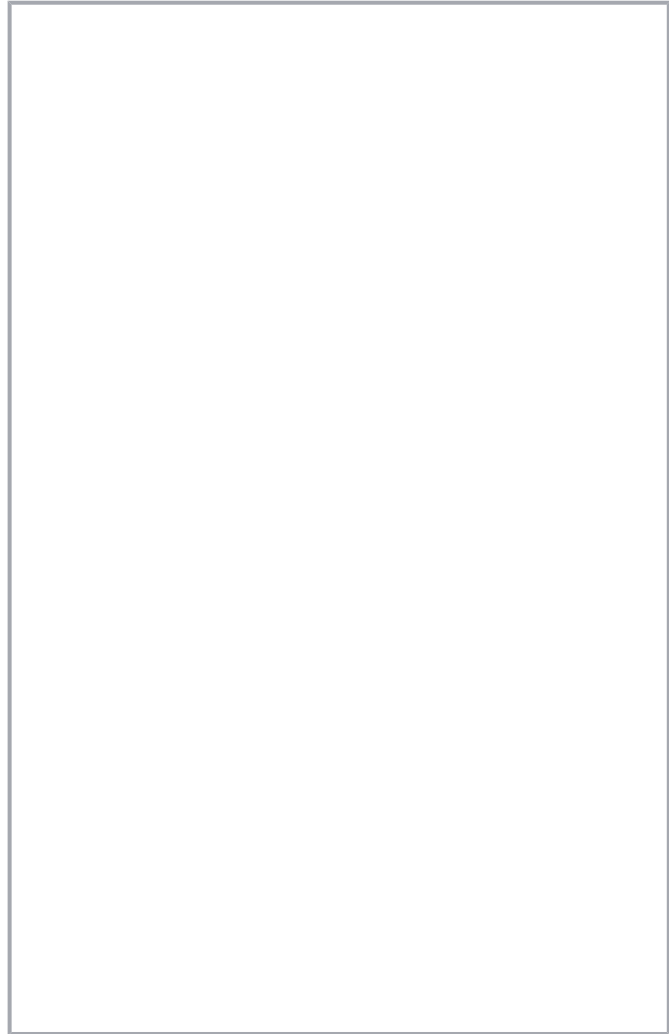
**Data sheet | Item number: 789-571**

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 mm<sup>2</sup>; gray

[www.wago.com/789-571](http://www.wago.com/789-571)



**Color:**



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

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We are always happy to take your call at +49 (571) 887-44222.



## Data

### Technical data

### Control Circuit

Nominal input voltage $U_N$	DC 24 V
Input voltage range	-15 ... +10 %
Nominal input current at $U_N$	82 mA
Coil control	Pulse mode
Minimum pulse length (control input)	40 ms
Minimum break time	180 ms

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## Load circuit

Number of make/switch-on contacts	1
Contact material (relay)	AgSnO <sub>2</sub>
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 <sup>3</sup> switching operations
Mechanical life	1 x 10 <sup>6</sup> switching operations
Switching frequency with/without load (max.)	6 min <sup>-1</sup> / 240 min <sup>-1</sup>
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®
Solid conductor	0.2 ... 2.5 mm <sup>2</sup> / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 2.5 mm <sup>2</sup> / 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

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## Mechanical data

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

## Material Data

Color	gray
Fire load	0.742 MJ
Weight	58.8 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
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## Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-14-23-09
eCl@ss 9.0	27-14-23-09
ETIM 8.0	EC001437
ETIM 7.0	EC001437
PU (SPU)	10 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454572655
Customs tariff number	85364900990

## Environmental Product Compliance

CAS-No.	7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Lead
RoHS Compliance Status	Compliant,With Exemption

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



RoHS Exemption	7(a) 7(c)-I
SCIP notification number (Austria)	47a23f63-5d1b-4163-aaae-17a6ad486e0e
SCIP notification number (Belgium)	15d3a70e-e176-43f3-891b-f071bf91bf2a
SCIP notification number (Bulgaria)	f5f7e129-7373-42ff-a5ad-b6f347fa44d2
SCIP notification number (Czech Republic)	ddfbd03-d9de-4eb3-8b39-865f36d28bb0
SCIP notification number (Denmark)	db3228ba-af73-4c58-8239-701c1458bf3c
SCIP notification number (Finland)	80e43c22-17db-4045-a4e8-dc706d14da5a
SCIP notification number (France)	fbb97914-aa41-41e0-807a-3ed624091a66
SCIP notification number (Germany)	4a18058b-0969-4a85-9c49-247dfa269635
SCIP notification number (Hungary)	5d426e4b-1714-4530-acf5-625acc3d78d0
SCIP notification number (Italy)	ff18a9dc-2c0f-43fe-aec5-e2b12c4e512d
SCIP notification number (Netherlands)	a0be3dd7-9ec6-43f0-a4ce-1d4e2af0a8e2
SCIP notification number (Poland)	b31516bb-3f11-468c-8510-2c0e271245fb
SCIP notification number (Romania)	c9ab27e8-3f63-46cb-8df2-f5f70e4c2a01
SCIP notification number (Sweden)	39675669-d41a-422e-b84b-8f3a9d120ba6

## Optional accessories

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

## 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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/248-502)

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

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### Instruction Leaflet

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### Additional Information

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## CAD/CAE-Data

### CAD data

2D/3D Models 789-571		URL	Download
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### CAE data

EPLAN Data Portal 789-571		URL	Download
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WSCAD Universe 789-571		URL	Download
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ZUKEN Portal 789-571		URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 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 mm <sup>2</sup> ; gray		URL	Download
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## Installation Notes

### Conductor termination



Inserting a conductor.

### Commoning



Easy commoning via adjacent jumpers.

### Marking



Marking via Mini-WSB Quick Marking System.

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