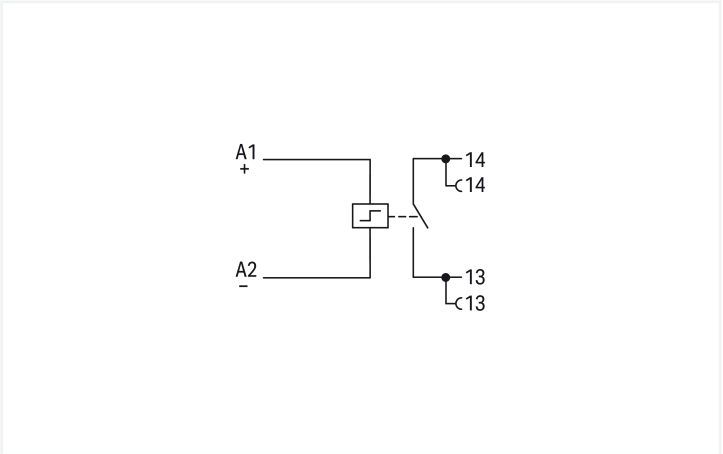
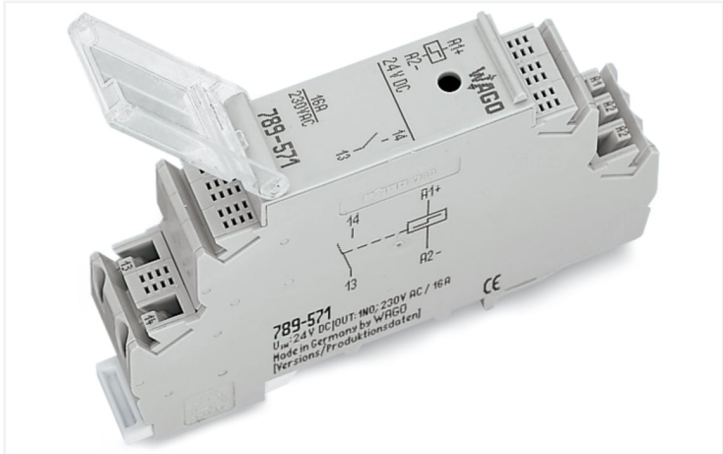


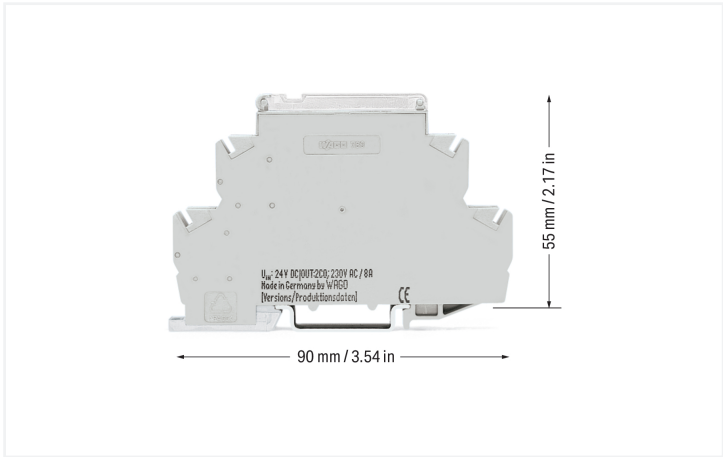
**Data Sheet | Item Number: 789-571**

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

<https://www.wago.com/789-571>



Color: ■ gray



| Technical data                          |               |                                              |                                                          |
|-----------------------------------------|---------------|----------------------------------------------|----------------------------------------------------------|
| Control circuit                         |               | Load circuit                                 |                                                          |
| Nominal input voltage U <sub>N</sub>    | 24 VDC        | Number of make/switch-on contacts            | 1                                                        |
| Input voltage range                     | -15 ... +10 % | Contact material (relay)                     | AgSnO <sub>2</sub>                                       |
| Nominal input current at U <sub>N</sub> | 82 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 <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>              |
|                                         |               | 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) | <a href="#">Information on material specifications can be found here</a> |
| Color                | gray                                                                     |
| Fire load            | 0.666 MJ                                                                 |
| Weight               | 58.8 g                                                                   |

| Environmental requirements                         |                |
|----------------------------------------------------|----------------|
| Ambient temperature (operation at U <sub>N</sub> ) | -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                  | 4045454572655            |
| 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          |                                                          |
|-------------------------------------------|----------------------------------------------------------|
| CAS-No.                                   | 7439-92-1<br>79-94-7                                     |
| REACH Candidate List Substance            | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol<br>Lead |
| RoHS Compliance Status                    | Compliant,With Exemption                                 |
| RoHS Exemption                            | 7(a)<br>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) | ddfbdc03-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)         | fb97914-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                     |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 789-571

↓



| Documentation |            |                  |  |                                                                                       |
|---------------|------------|------------------|--|---------------------------------------------------------------------------------------|
| Bid Text      |            |                  |  | Instruction Leaflet                                                                   |
| 789-571       | 19.02.2019 | xml<br>4.84 KB   |  | Operation and Assembly Instructions Interface V 1.0.0<br>02.04.2025 pdf<br>1246.19 KB |
| 789-571       | 20.02.2019 | docx<br>16.53 KB |  |                                                                                       |

| CAD/CAE-Data         |                           |
|----------------------|---------------------------|
| CAD data             | CAE data                  |
| 2D/3D Models 789-571 | EPLAN Data Portal 789-571 |
|                      | WSCAD Universe 789-571    |
|                      | ZUKEN Portal 789-571      |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

|                                                                                                                                                                                            |                                                                                                                                                                                            |                                                                                                                                                                                        |                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                            |                                                                                                                                                                                            |                                                                                                                                                                                        |                                                                                                                                                                                            |
| <b>Item No.: 216-241</b><br>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 | <b>Item No.: 216-242</b><br>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 | <b>Item No.: 216-243</b><br>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 | <b>Item No.: 216-244</b><br>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 |

1.1.2 Jumper

1.1.2.1 Jumper

|                                                            |
|------------------------------------------------------------|
|                                                            |
| <b>Item No.: 789-112</b><br>Jumper; 12-way; silver-colored |

1.1.3 Marking

1.1.3.1 Marker

|                                                                                                                                               |                                                                                                                                               |                                                                                                                                             |                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                               |                                                                                                                                               |                                                                                                                                             |                                                                                                                                               |
| <b>Item No.: 2009-145</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white      | <b>Item No.: 248-502</b><br>Mini-WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white  | <b>Item No.: 248-566</b><br>Mini-WSB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white | <b>Item No.: 248-503</b><br>Mini-WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white |
|                                                                                                                                               |                                                                                                                                               |                                                                                                                                             |                                                                                                                                               |
| <b>Item No.: 248-504</b><br>Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white | <b>Item No.: 248-506</b><br>Mini-WSB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white | <b>Item No.: 248-452</b><br>Mini-WSB marking card; as card; MARKED; K (100x); not stretchable; Horizontal marking; snap-on type; white      | <b>Item No.: 248-450</b><br>Mini-WSB marking card; as card; MARKED; K1 - K10 (10x); not stretchable; Horizontal marking; snap-on type; white  |



1.1.3.1 Marker



**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

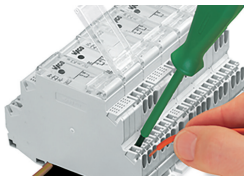
1.1.4.1 Operating tool



**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

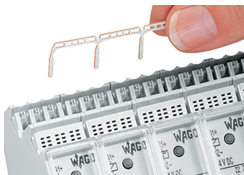
Installation Notes

Conductor termination



Inserting a conductor.

Commoning



Easy commoning via adjacent jumpers.



Marking



Marking via Mini-WSB Quick Marking System.