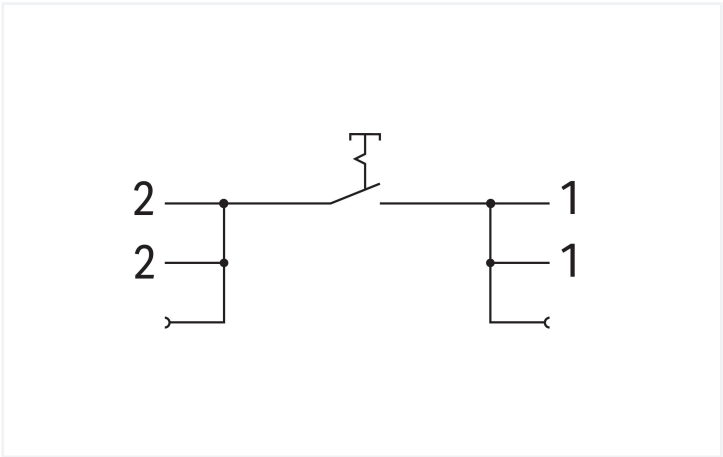


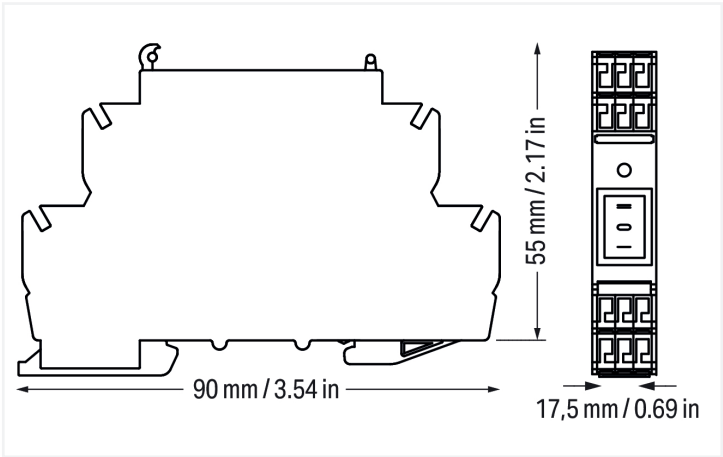
Data Sheet | Item Number: 789-801

Switching module; with circuit breaker; Switching voltage: 250 VAC; Switching current: 16 A

<https://www.wago.com/789-801>



Similar to illustration



| Electrical data                             |                                           |
|---------------------------------------------|-------------------------------------------|
| Operating voltage                           | ≤ 250 VAC                                 |
| Number of make/switch-on contacts           | 1                                         |
| Switching current (resistive) max.          | 16 A                                      |
| Inrush current (max.)                       | 100 A (capacitive)                        |
| Switching Voltage, Max.                     | 250 VAC                                   |
| Contact resistance                          | ≤ 100 mΩ (12 V / 1 ADC; new condition)    |
| Insulation resistance                       | ≥ 100 MΩ (500 VDC; new condition)         |
| Contact gap                                 | ≥ 3 mm                                    |
| Electrical life (NO; resistive load; 23 °C) | 10 x 10 <sup>3</sup> switching operations |
| Mechanical life                             | 50 x 10 <sup>3</sup> switching operations |



| Safety and protection                          |            |
|------------------------------------------------|------------|
| Rated Voltage                                  | 250 V      |
| Rated impulse withstand voltage                | 4 kV       |
| Pollution degree                               | 2          |
| Dielectric strength (open contact) (AC, 1 min) | 1.25 kVrms |

| Connection data         |                                    |
|-------------------------|------------------------------------|
| Connection 1            |                                    |
| 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 |                          |
|-----------------|--------------------------|
| Mounting type   | DIN-35 rail              |
| Housing design  | DIN-rail-mount enclosure |

| Material data             |          |
|---------------------------|----------|
| Contact material (switch) | Ag alloy |
| Fire load                 | 3.52 MJ  |
| Weight                    | 44.1 g   |

| Environmental requirements      |                |
|---------------------------------|----------------|
| Ambient temperature (operation) | -20 ... +55 °C |
| Ambient temperature (storage)   | -40 ... +80 °C |

| Commercial data       |                          |
|-----------------------|--------------------------|
| Product Group         | 6 (INTERFACE ELECTRONIC) |
| PU (SPU)              | 10 (1) pcs               |
| Packaging type        | Box                      |
| Country of origin     | DE                       |
| GTIN                  | 4050821274742            |
| Customs tariff number | 85365080000              |



| Product classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39122216             |
| eCl@ss 10.0            | 27-37-16-01          |
| eCl@ss 9.0             | 27-37-16-01          |
| ETIM 9.0               | EC001437             |
| ETIM 8.0               | EC001437             |
| ECCN                   | NO US CLASSIFICATION |

| Environmental Product Compliance |                        |
|----------------------------------|------------------------|
| RoHS Compliance Status           | Compliant,No Exemption |

| Approvals / Certificates |  |
|--------------------------|--|
| General approvals        |  |



| Approval                   | Standard       | Certificate Name |
|----------------------------|----------------|------------------|
| EAC<br>GZO Almaty Standart | TP TC 004/2011 | EAC CoC 03084    |

| Downloads                                |  |
|------------------------------------------|--|
| Environmental Product Compliance         |  |
| Compliance Search                        |  |
| Environmental Product Compliance 789-801 |  |

| Documentation |            |                                               |                       |
|---------------|------------|-----------------------------------------------|-----------------------|
| Bid Text      |            | Instruction Leaflet                           |                       |
| 789-801       | 19.02.2019 | xml<br>3.85 KB                                |                       |
| 789-801       | 10.02.2015 | doc<br>25.50 KB                               |                       |
|               |            | Operation and Assembly Instructions Interface | V 1.0.0<br>02.04.2025 |
|               |            | pdf<br>1246.19 KB                             |                       |

| CAD/CAE-Data         |                           |
|----------------------|---------------------------|
| CAD data             | CAE data                  |
| 2D/3D Models 789-801 | EPLAN Data Portal 789-801 |
|                      |                           |
|                      | WSCAD Universe 789-801    |
|                      |                           |
|                      | ZUKEN Portal 789-801      |
|                      |                           |



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.: 248-504**  
Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white

1.1.4 Tool

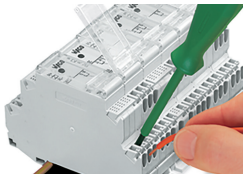
1.1.4.1 Operating tool



**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.

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

Current addresses can be found at: [www.wago.com](https://www.wago.com)