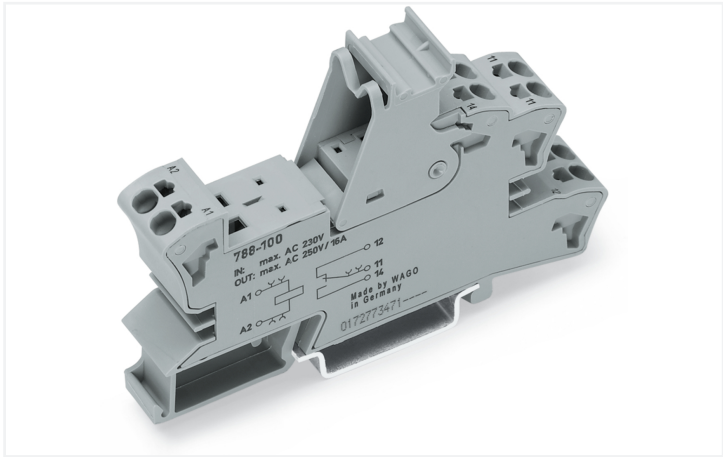
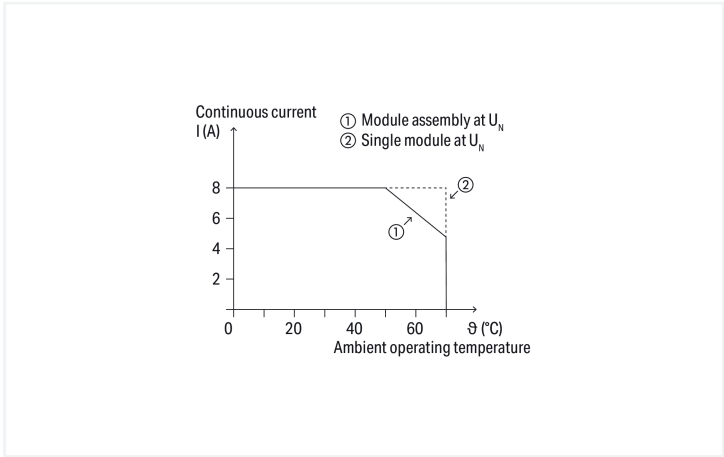


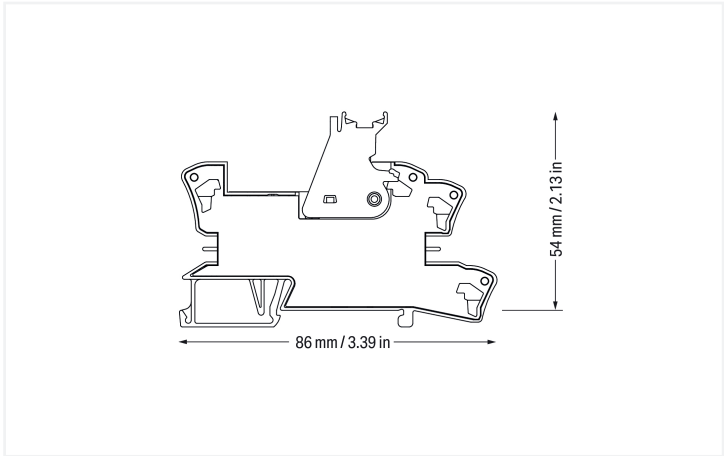
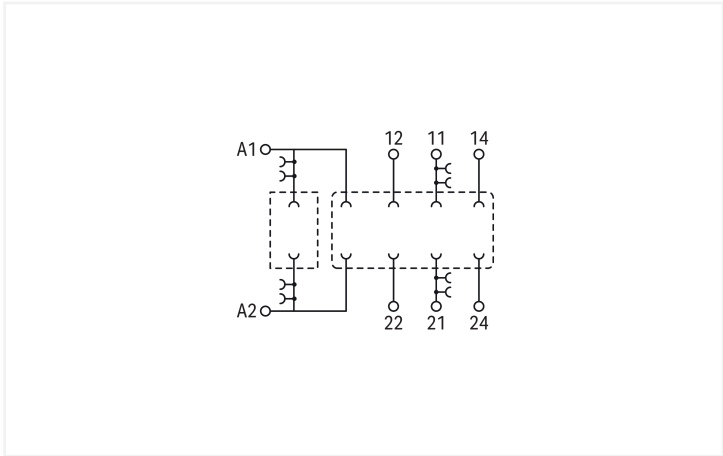


Color: ■ gray

Similar to illustration



Current-carrying capacity curve



| Notes |                                                                                               |
|-------|-----------------------------------------------------------------------------------------------|
| Note  | The specified technical data are maximum values. They may be limited by the accessories used. |

| Technical data              |                   |                                          |         |
|-----------------------------|-------------------|------------------------------------------|---------|
| Control circuit             |                   | Load circuit                             |         |
| Nominal input voltage $U_N$ | 230 VAC/VDC       | Number of changeover/switchover contacts | 2       |
| Input voltage range         | 0 ... 250 VAC/VDC | Limiting continuous current              | 8 A     |
| Nominal frequency range     | 50 ... 60 Hz      | Switching Voltage, Max.                  | 300 VAC |
|                             |                   | Nominal frequency range                  | ≤60 Hz  |

## Safety and protection

|                                                             |                                        |
|-------------------------------------------------------------|----------------------------------------|
| Rated Voltage                                               | 300 V                                  |
| Overvoltage category                                        | II                                     |
| Pollution degree                                            | 3                                      |
| Dielectric strength (control/load circuit) (AC, 1 min)      | 3.6 kVrms                              |
| Dielectric strength (open contact) (AC, 1 min)              | 1 kVrms                                |
| Insulation type (control/load circuit)                      | Reinforced insulation (safe isolation) |
| Insulation type (load/load circuit)                         | Basic insulation                       |
| Insulation type (between adjacent devices of the same type) | Basic insulation                       |
| Protection type                                             | IP20                                   |

## Connection Data

|                         |                                    |
|-------------------------|------------------------------------|
| Connection technology   | Push-in CAGE CLAMP®                |
| Solid conductor         | 0.34 ... 2.5 mm² / 22 ... 14 AWG   |
| Fine-stranded conductor | 0.34 ... 2.5 mm² / 22 ... 14 AWG   |
| Strip length            | 9 ... 10 mm / 0.35 ... 0.39 inches |

## Physical data

|                                   |                      |
|-----------------------------------|----------------------|
| Width                             | 15 mm / 0.591 inches |
| Height                            | 86 mm / 3.386 inches |
| Depth from upper-edge of DIN-rail | 54 mm / 2.126 inches |

## Mechanical data

|               |             |
|---------------|-------------|
| 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                                           | 0.633 MJ                                                                 |
| Weight                                              | 30.7 g                                                                   |
| Relative temperature index for plastic (RTI per UL) | 105 °C                                                                   |

## Environmental requirements

|                                           |                                            |
|-------------------------------------------|--------------------------------------------|
| Ambient temperature (operation at $U_N$ ) | -40 ... +70 °C                             |
| Ambient temperature (storage)             | -40 ... +80 °C                             |
| Processing temperature                    | -25 ... +50 °C                             |
| Temperature range of connection cable     | $\geq (T_{\text{ambient}} + 20 \text{ K})$ |
| Relative humidity                         | 5 ... 95 % (no condensation permissible)   |
| Operating altitude (max.)                 | 2000 m                                     |

## Standards and Specifications

|                          |                |
|--------------------------|----------------|
| Standards/specifications | EN 61010-2-201 |
|--------------------------|----------------|



| Commercial data       |                          |  |
|-----------------------|--------------------------|--|
| Product Group         | 6 (INTERFACE ELECTRONIC) |  |
| PU (SPU)              | 20 (1) pcs               |  |
| Packaging type        | Box                      |  |
| Country of origin     | CN                       |  |
| GTIN                  | 4050821591788            |  |
| Customs tariff number | 85366990990              |  |

| Product Classification |                      |  |
|------------------------|----------------------|--|
| UNSPSC                 | 39122335             |  |
| eCl@ss 10.0            | 27-37-16-03          |  |
| eCl@ss 9.0             | 27-37-16-03          |  |
| ETIM 9.0               | EC001456             |  |
| ETIM 10.0              | EC001456             |  |
| ECCN                   | NO US CLASSIFICATION |  |

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

| Approvals / Certificates                                                           |                |                                                            |
|------------------------------------------------------------------------------------|----------------|------------------------------------------------------------|
| General approvals                                                                  |                | Declarations of conformity and manufacturer's declarations |
|  |                |                                                            |
| Approval                                                                           | Standard       | Certificate Name                                           |
| EAC<br>GZO Almaty Standart                                                         | TP TC 004/2011 | EAC CoC 03084                                              |

| Approval                                                | Standard | Certificate Name |
|---------------------------------------------------------|----------|------------------|
| UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG | -        | -                |

| Downloads                                   |                                                                                     |  |
|---------------------------------------------|-------------------------------------------------------------------------------------|--|
| Environmental Product Compliance            |                                                                                     |  |
| Compliance Search                           |                                                                                     |  |
| Environmental Product<br>Compliance 788-102 |  |  |

| Documentation |            |                  |                                                                                     |
|---------------|------------|------------------|-------------------------------------------------------------------------------------|
| Bid Text      |            |                  | Instruction Leaflet                                                                 |
| 788-102       | 19.02.2019 | xml<br>3.61 KB   |  |
| 788-102       | 20.02.2019 | docx<br>16.15 KB |  |

| Instruction Leaflet                     |                       |                   |                                                                                       |
|-----------------------------------------|-----------------------|-------------------|---------------------------------------------------------------------------------------|
| Sockets with Elementa-<br>ry Relay/ SSR | V 1.0.1<br>09.10.2020 | pdf<br>2271.22 KB |  |



| CAD/CAE-Data                                                                                           |                                                                                                               |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| CAD data                                                                                               | CAE data                                                                                                      |
| 2D/3D Models 788-102  | EPLAN Data Portal 788-102  |
|                                                                                                        | WSCAD Universe 788-102     |
|                                                                                                        | ZUKEN Portal 788-102       |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Basic relay

1.1.1.1 Basic relay



[Item No.: 788-152](#)  
Basic relay; Nominal input voltage: 12 VDC; 2 changeover contacts; Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15 mm

[Item No.: 788-180](#)  
Basic relay; Nominal input voltage: 230 VAC; 2 changeover contacts; Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15 mm

1.1.2 Ferrule

1.1.2.1 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



[Item No.: 216-542](#)  
Twin ferrule; Sleeve for 2 x 1 mm² / AWG 2 x 18; red, insulated; 12 mm long; red

1.1.3 Filter module

1.1.3.1 Suppressor module



[Item No.: 788-148](#)  
Filter module; RC filter element; Nominal voltage: 230 VAC



1.1.4 Indicators

1.1.4.1 Status indication



[Item No.: 788-125](#)  
Accessories for relay modules; Operation status indicator: red



[Item No.: 788-121](#)  
Accessories for relay modules; Operation status indicator: red; Nominal operating voltage range: 48 ... 60 VDC



[Item No.: 788-122](#)  
Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 110 VDC



[Item No.: 788-124](#)  
Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 115 VAC



[Item No.: 788-123](#)  
Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 24 VAC



[Item No.: 788-120](#)  
Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 24 VDC

1.1.5 Jumper

1.1.5.1 Jumper



[Item No.: 788-118](#)  
Jumper; for jumper slot; 2-way; from 1 to 3; insulated; light gray



[Item No.: 788-113](#)  
Jumper; for jumper slot; 2-way; insulated; light gray



[Item No.: 859-402](#)  
Jumper; for jumper slot; 2-way; insulated; light gray



[Item No.: 788-114](#)  
Jumper; for jumper slot; 3-way; insulated; light gray



[Item No.: 788-115](#)  
Jumper; for jumper slot; 4-way; insulated; light gray



[Item No.: 788-116](#)  
Jumper; for jumper slot; 6-way; insulated; light gray



[Item No.: 788-117](#)  
Jumper; for jumper slot; 8-way; insulated; light gray

1.1.6 Marking

1.1.6.1 Double marker carrier



[Item No.: 209-128](#)  
Adaptor; gray

1.1.6.2 Group marker carrier



[Item No.: 249-105](#)  
Group marker carrier; gray



[Item No.: 209-145](#)  
Group marker carrier; white

1.1.6.3 Marker



[Item No.: 209-183](#)  
Marker; white



[Item No.: 793-502](#)  
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white



[Item No.: 793-503](#)  
WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white



[Item No.: 793-504](#)  
WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white



[Item No.: 793-505](#)  
WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white



[Item No.: 793-501](#)  
WMB marking card; as card; not stretchable; plain; snap-on type; white



[Item No.: 2009-115](#)  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

1.1.6.4 Marking device



Item No.: 210-110  
Fiber-tip pen

1.1.6.5 Marking strip



Item No.: 2009-110  
Marking strips; for Smart Printer; on reel;  
not stretchable; plain; snap-on type; white

1.1.6.6 Protective marker cover



Item No.: 209-184  
Protection cover; transparent

1.1.7 Tool

1.1.7.1 Operating tool



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