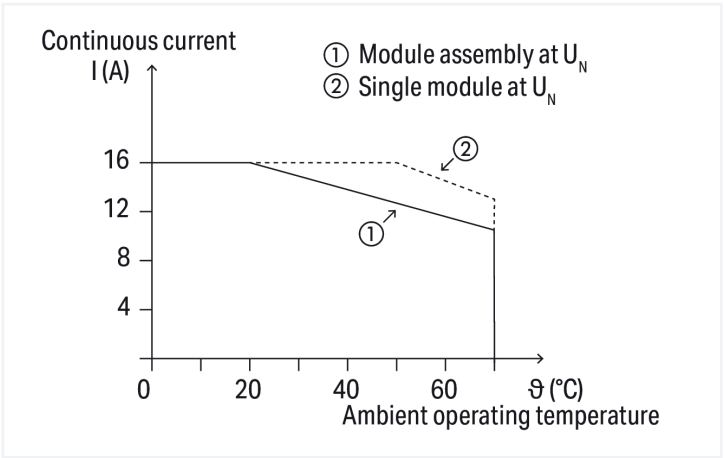
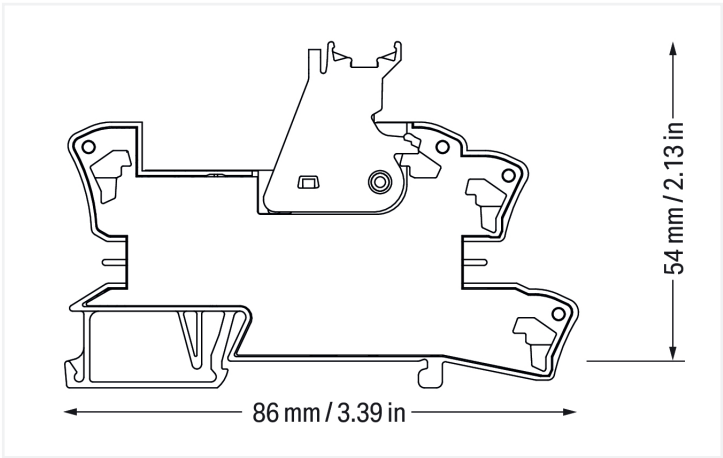
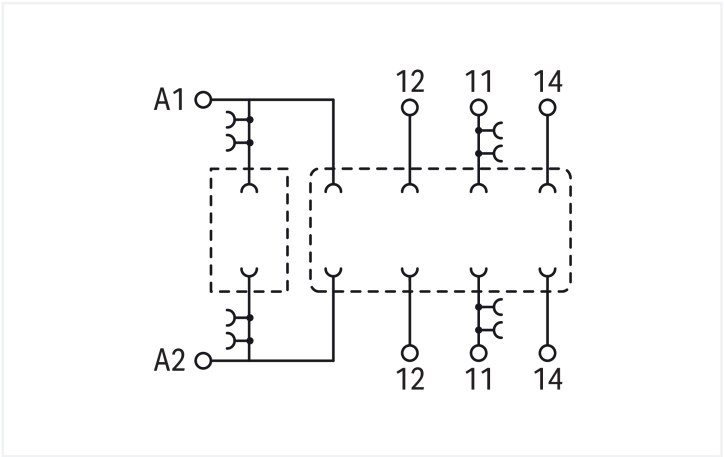


Color: ■ gray



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 | 1 |
| Input voltage range | 0 ... 250 VAC/VDC | Limiting continuous current | 16 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 (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) | | Information on material specifications can be found here |
| Color | | gray |
| Fire load | | 0.633 MJ |
| Weight | | 31.2 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 | | ≥ (T _{ambient} + 20 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 | 4050821591764 |
| 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 8.0 | 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 | | | | | | | | | | | | | | | | | | |
| <div></div> <table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EAC</td><td>TP TC 004/2011</td><td>EAC CoC 03084</td></tr><tr><td>GZO Almaty Standart</td><td></td><td></td></tr></table> | | Approval | Standard | Certificate Name | EAC | TP TC 004/2011 | EAC CoC 03084 | GZO Almaty Standart | | | <table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Confor- mity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Confor- mity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr></table> | Approval | Standard | Certificate Name | EU-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - | UK-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - |
| Approval | Standard | Certificate Name | | | | | | | | | | | | | | | | | | |
| EAC | TP TC 004/2011 | EAC CoC 03084 | | | | | | | | | | | | | | | | | | |
| GZO Almaty Standart | | | | | | | | | | | | | | | | | | | | |
| Approval | Standard | Certificate Name | | | | | | | | | | | | | | | | | | |
| EU-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - | | | | | | | | | | | | | | | | | | |
| UK-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - | | | | | | | | | | | | | | | | | | |

| Downloads | |
|---|---|
| Environmental Product Compliance | |
| Compliance Search | |
| Environmental Product Compliance 788-100 |  |

| Documentation | | | | |
|---------------|------------|------------------|---|---|
| Bid Text | | | Instruction Leaflet | |
| 788-100 | 19.02.2019 | xml 3.60 KB |  | Sockets with Elementa- ry Relay/ SSR |
| 788-100 | 20.02.2019 | docx 15.94 KB |  | |
| | | | | V 1.0.1 09.10.2020 |
| | | | | pdf 2271.22 KB |
| | | | |  |



| CAD/CAE-Data | |
|--|---|
| CAD data | CAE data |
| 2D/3D Models 788-100  | EPLAN Data Portal 788-100  |
| | WSCAD Universe 788-100  |
| | ZUKEN Portal 788-100  |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Basic relay

1.1.1.1 Basic relay



[Item No.: 788-150](#)
Basic relay; Nominal input voltage: 12 VDC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm



[Item No.: 788-178](#)
Basic relay; Nominal input voltage: 230 VAC; 1 changeover contact; Limiting continuous current: 16 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.: 788-124
Accessories for relay modules; Operation status indicator: red



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.: 788-123
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