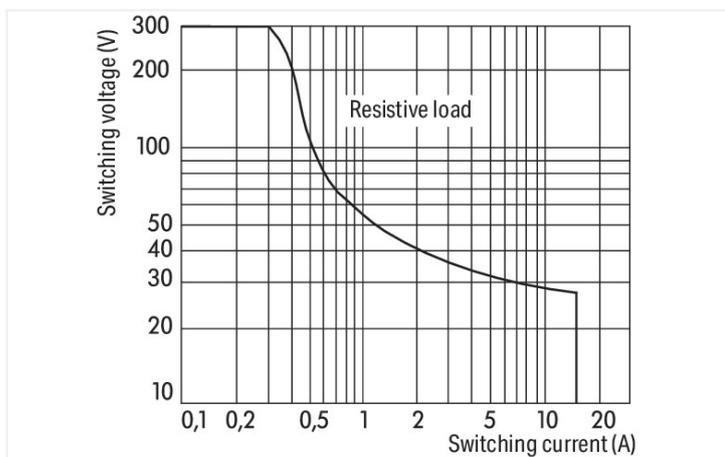


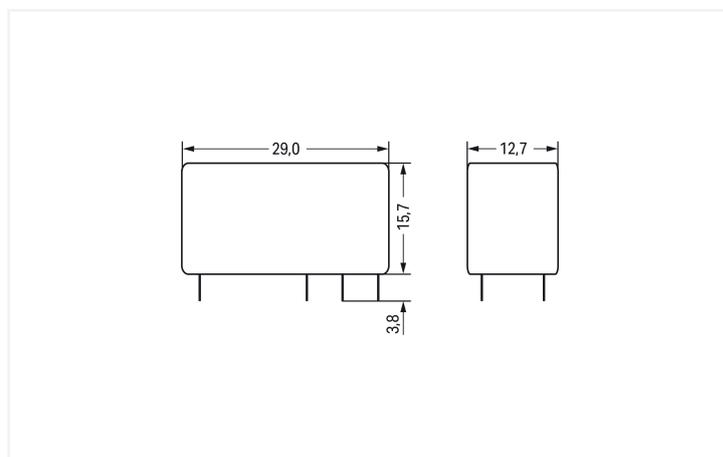
# Data Sheet | Item Number: 788-910

Basic relay; Nominal input voltage: 24 VDC; 1 make contact; Limiting continuous current: 16 A

<https://www.wago.com/788-910>



DC load limit curve



Dimensions in mm

## Technical data

### Control circuit

Nominal input voltage  $U_N$  24 VDC

### Load circuit

|  |  |
|--|--|
| Number of make/switch-on contacts            | 1  |
| Contact material (relay)                     | AgSnO <sub>2</sub> , W pre-make contact    |
| Limiting continuous current                  | 16 A                                       |
| Inrush current (resistive) max.              | (AC) 165 A / 0.02 s                        |
| Switching Voltage, Max.                      | 250 VAC                                    |
| Switching power (resistive) max.             | AC 4000 VA; DC (see load limit curve)      |
| Recommended minimum load                     | 12 V / 100 mA                              |
| Pull-in time (typ.)                          | 10 ms                                      |
| Drop-out time (typ.)                         | 5 ms                                       |
| Bounce time (typ.)                           | 4 ms                                       |
| Electrical life (NO; resistive load; 23 °C)  | 5 x 10 <sup>3</sup> switching operations   |
| Mechanical life                              | 5 x 10 <sup>6</sup> switching operations   |
| Switching frequency with/without load (max.) | 6 min <sup>-1</sup> / 60 min <sup>-1</sup> |

### Safety and protection

|  |            |
|--|------------|
| Dielectric strength (control/load circuit) (AC, 1 min) | 5 kVrms    |
| Dielectric strength (open contact) (AC, 1 min)         | 1.25 kVrms |

### Physical data

|                         |                        |
|-------------------------|------------------------|
| Width                   | 12.7 mm / 0.5 inches   |
| Height from the surface | 15.7 mm / 0.618 inches |
| Depth                   | 29 mm / 1.142 inches   |

### Mechanical data

|               |                  |
|---------------|------------------|
| Mounting type | Pluggable module |
|---------------|------------------|

### Material data

|                      |  |
|----------------------|--|
| Note (material data) | <a href="#">Information on material specifications can be found here</a> |
| Fire load            | 0 MJ   |
| Weight               | 13.8 g   |

### Environmental requirements

|   |                |
|---|----------------|
| Ambient temperature (operation at $U_N$ ) | -40 ... +70 °C |
| Ambient temperature (storage)             | -40 ... +85 °C |

### Standards and Specifications

|                          |            |
|--------------------------|------------|
| Standards/specifications | EN 61810-1 |
|--------------------------|------------|

### Commercial data

|                       |                          |
|-----------------------|--------------------------|
| Product Group         | 6 (INTERFACE ELECTRONIC) |
| PU (SPU)              | 20 pcs                   |
| Packaging type        | Box                      |
| Country of origin     | CZ                       |
| GTIN                  | 4045454988593            |
| Customs tariff number | 85364900990              |

### Product Classification

|           |                      |
|-----------|----------------------|
| UNSPSC    | 39122334             |
| ETIM 9.0  | EC001437             |
| ETIM 10.0 | EC001437             |
| ECCN      | NO US CLASSIFICATION |

### Environmental Product Compliance

|   |                                      |
|---|--------------------------------------|
| RoHS Compliance Status                    | Compliant, No Exemption              |
| SCIP notification number (Austria)        | 032bc5f2-8ed2-4735-8b85-66ac2305603a |
| SCIP notification number (Belgium)        | 365f0b2a-a0de-4d6e-859c-feb3f758b198 |
| SCIP notification number (Bulgaria)       | 80456d70-32cf-48c4-b694-eb4c689bec51 |
| SCIP notification number (Czech Republic) | 19cefd42-ecbe-46e5-b0a5-942d8dfd3f6e |
| SCIP notification number (Denmark)        | 13156e1e-7f88-4dad-b12d-fed8880708c5 |
| SCIP notification number (Finland)        | 60444d37-932a-46bb-bda8-0597126f6742 |
| SCIP notification number (France)         | d297560c-35c0-4040-b080-9cf157362e3b |
| SCIP notification number (Germany)        | 3cb25dc2-717c-41f9-a3b9-1e4836b70c34 |
| SCIP notification number (Hungary)        | 2781df68-b67c-4734-b59b-e0e34ca21a31 |

**Environmental Product Compliance**

|  |                                      |
|--|--------------------------------------|
| SCIP notification number (Italy)       | 56974905-3bce-4228-a898-ec17ac6a86c9 |
| SCIP notification number (Netherlands) | ce4014ec-7f2a-4e06-bdc2-5694a3d4df0c |
| SCIP notification number (Poland)      | 7bc3d077-54e9-4a78-90ee-5d06207ba3ae |
| SCIP notification number (Romania)     | 1b9a8bb9-723e-4173-9450-c2f78e3e65df |
| SCIP notification number (Sweden)      | d660177d-1fcb-450b-b201-9f458796229c |

**1 Compatible Products**

**1.1 Optional Accessories**

**1.1.1 Jumper**

**1.1.1.1 Jumper**

|   |  |   |  |
|---|--|---|--|
| <br><b>Item No.: 788-118</b><br>Jumper; for jumper slot; 2-way; from 1 to 3; insulated; light gray | <br><b>Item No.: 859-402/000-006</b><br>Jumper; for jumper slot; 2-way; insulated; blue   | <br><b>Item No.: 788-113</b><br>Jumper; for jumper slot; 2-way; insulated; light gray | <br><b>Item No.: 859-402</b><br>Jumper; for jumper slot; 2-way; insulated; light gray |
| <br><b>Item No.: 859-402/000-005</b><br>Jumper; for jumper slot; 2-way; insulated; red             | <br><b>Item No.: 859-402/000-029</b><br>Jumper; for jumper slot; 2-way; insulated; yellow | <br><b>Item No.: 788-114</b><br>Jumper; for jumper slot; 3-way; insulated; light gray | <br><b>Item No.: 788-115</b><br>Jumper; for jumper slot; 4-way; insulated; light gray |
| <br><b>Item No.: 788-116</b><br>Jumper; for jumper slot; 6-way; insulated; light gray              | <br><b>Item No.: 788-117</b><br>Jumper; for jumper slot; 8-way; insulated; light gray     |   |  |

**1.1.2 Marking**

**1.1.2.1 Double marker carrier**

|  |
|--|
| <br><b>Item No.: 209-128</b><br>Adaptor; gray |
|--|

**1.1.2.2 Group marker carrier**

|   |  |
|---|--|
| <br><b>Item No.: 249-105</b><br>Group marker carrier; gray | <br><b>Item No.: 209-145</b><br>Group marker carrier; white |
|---|--|

**1.1.2.3 Marker**

|   |   |  |   |
|---|---|--|---|
| <br><b>Item No.: 209-183</b><br>Marker; white  | <br><b>Item No.: 793-5501</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white | <br><b>Item No.: 793-502</b><br>WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white  | <br><b>Item No.: 793-566</b><br>WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white   |
| <br><b>Item No.: 793-503</b><br>WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white | <br><b>Item No.: 793-504</b><br>WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white         | <br><b>Item No.: 793-505</b><br>WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white | <br><b>Item No.: 793-506</b><br>WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white |

### 1.1.2.3 Marker



**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

### 1.1.2.4 Marking device



**Item No.: 210-110**

Fiber-tip pen

### 1.1.2.5 Marking strip



**Item No.: 2009-110**

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

### 1.1.2.6 Protective marker cover



**Item No.: 209-184**

Protection cover; transparent

## 1.1.3 Tool

### 1.1.3.1 Operating tool



**Item No.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured