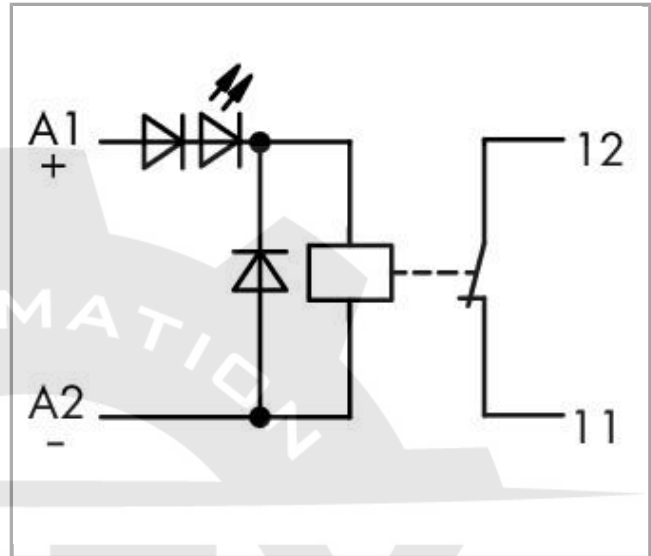


**Data sheet | Item number: 288-368**

Relay module; Nominal input voltage: 24 VDC; 1 break contact; Limiting continuous current: 5 A; Module width: 13 mm



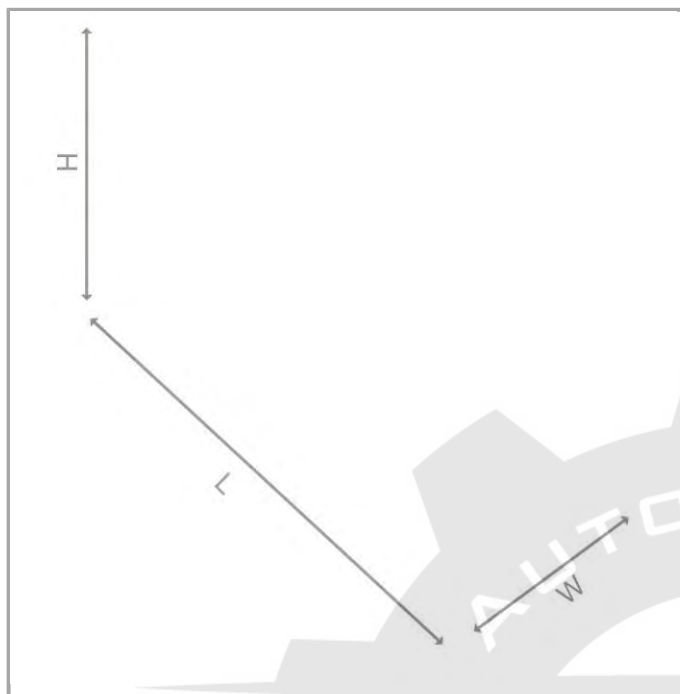
288-368



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:



## Data

## Technical Data

## Control circuit

|                                |            |
|--------------------------------|------------|
| Nominal input voltage $U_N$    | DC 24 V    |
| Input voltage range            | $\pm 10\%$ |
| Nominal input current at $U_N$ | 20 mA      |

## Load circuit:

|                                               |                                            |
|-----------------------------------------------|--------------------------------------------|
| Number of break contacts/switch off contacts  | 1                                          |
| Contact material (relay)                      | AgNi 0.15                                  |
| Limiting continuous current                   | 5 A                                        |
| Max. make current (resistive)                 | (AC) 16 A / 4 s                            |
| Max. switching voltage                        | AC 250 V                                   |
| Max. switching power (resistive)              | AC 1,250 VA                                |
| Min. switching current                        | 0 $\mu$ A                                  |
| Pull-in time (typ.)                           | 4 ms                                       |
| Drop-out time (typ.)                          | 6 ms                                       |
| Bounce time (typ.)                            | 2 ms                                       |
| Drop-out time                                 | $\leq 0\ \mu$ s                            |
| Electrical life (N.O.; resistive load; 23 °C) | 200 x 10 <sup>3</sup> switching operations |
| Mechanical life (N.O.; resistive load; 23 °C) | 30 x 10 <sup>6</sup> switching operations  |

## Safety and protection:

|                                                       |         |
|-------------------------------------------------------|---------|
| Overvoltage category                                  | II      |
| Pollution degree                                      | 2       |
| Dielectric strength, control/load circuit (AC, 1 min) | 4 kVrms |

## Connection data

|                         |                                              |
|-------------------------|----------------------------------------------|
| Connection technology   | CAGE CLAMP®                                  |
| WAGO terminal           | WAGO 236 Series                              |
| Solid conductor         | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Strip length            | 5 ... 6 mm / 0.2 ... 0.24 inch               |

## Geometrical Data

|                                       |                    |
|---------------------------------------|--------------------|
| Width                                 | 13 mm / 0.512 inch |
| Height from upper-edge of DIN-35 rail | 47 mm / 1.85 inch  |
| Depth                                 | 85 mm / 3.346 inch |

## Mechanical data

|                  |             |
|------------------|-------------|
| Type of mounting | DIN-35 rail |
|------------------|-------------|

## Material Data

|           |        |
|-----------|--------|
| Color     | gray   |
| Fire load | 0 MJ   |
| Weight    | 30.9 g |

## Environmental Requirements

|                                                           |                             |
|-----------------------------------------------------------|-----------------------------|
| Pollution degree                                          | 2                           |
| Surrounding air (operating) temperature at U <sub>N</sub> | -25 ... 40 °C               |
| Surrounding air (storage) temperature                     | -25 ... 70 °C               |
| Relative humidity                                         | 5 ... 75 % (non condensing) |
| Max. operating altitude                                   | 2000 m                      |

## Standards and specifications

|                          |                |
|--------------------------|----------------|
| Standards/specifications | EN 61810-2-201 |
|--------------------------|----------------|

## Commercial data

|                   |                           |
|-------------------|---------------------------|
| Product Group     | 6 (Interface Electronics) |
| Country of origin | DE                        |

|                    |               |
|--------------------|---------------|
| GTIN               | 4045454319946 |
| Customs Tariff No. | 85364900990   |

## Compatible products

### tools

|                                                                                  |                                                                                                         |         |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------|
|  | <b>Item no.: 210-720</b><br>Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm | 210-720 |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------|

### Marking accessories

|                                                                                  |                                                                                                        |         |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------|
|  | <b>Item no.: 709-177</b><br>Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type | 709-177 |
|  | <b>Item no.: 709-178</b><br>Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type | 709-178 |
|  | <b>Item no.: 709-196</b><br>Marking strips; for laser printer                                          | 709-196 |
|  | <b>Item no.: 709-198</b><br>Marking strips                                                             | 709-198 |

## Downloads

### Documentation

#### Bid Text

|                |              |         |          |
|----------------|--------------|---------|----------|
| 288-368        | Jan 22, 2016 | doc     | Download |
| Relaisbaustein |              | 27.1 kB |          |

#### Additional Information

|                                                          |         |          |          |
|----------------------------------------------------------|---------|----------|----------|
| Disposal; Electrical and electronic equipment, Packaging | V 1.0.0 | pdf      | Download |
|                                                          |         | 265.8 kB |          |

## CAD/CAE - Smart Data

### CAD data

|                     |     |          |
|---------------------|-----|----------|
| 3D Download 288-368 | URL | Download |
|---------------------|-----|----------|

Subject to changes.