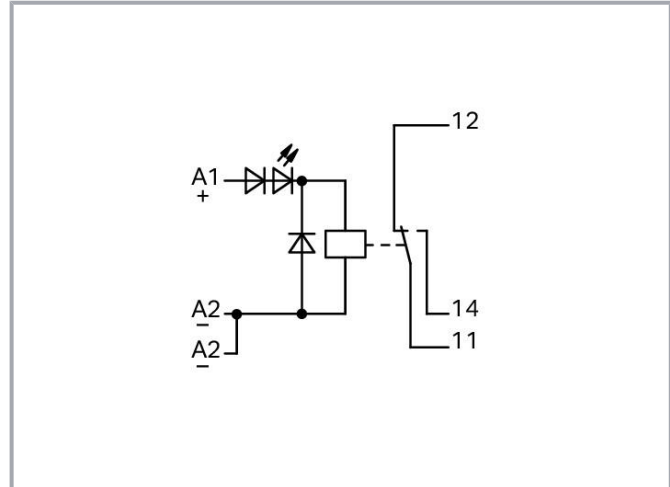
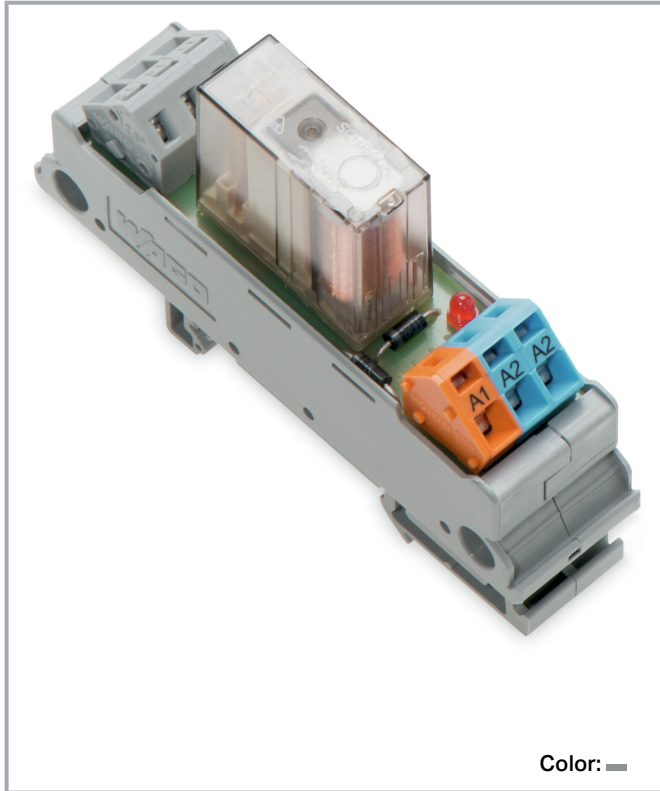


Data sheet | Item number: 288-304

Relay module; Nominal input voltage: 24 VDC; 1 changeover contact;
Limiting continuous current: 6 A; Module width: 21 mm; 2,50 mm²; gray



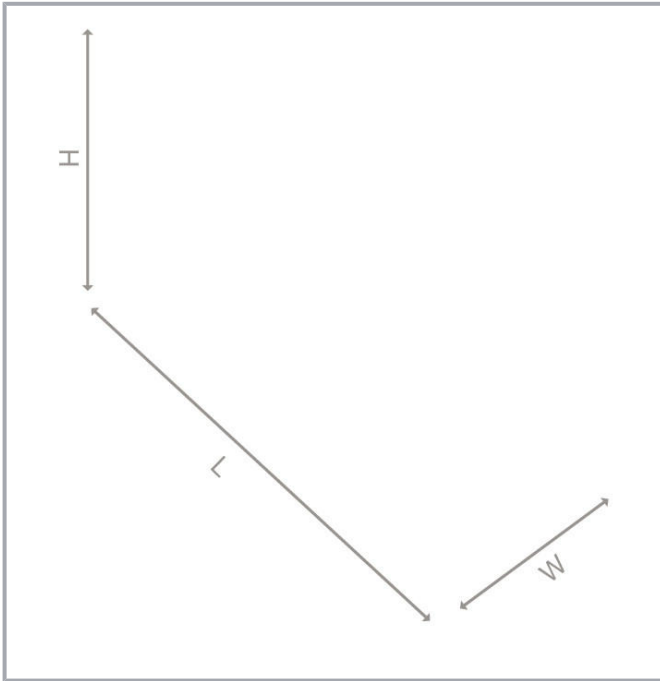
www.wago.com/288-304



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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Data Notes

Note

- Reinforced insulation between control and load side per EN 61010-2-201

Technical data

Control circuit

| | |
|--------------------------------|---------|
| Nominal input voltage U_N | DC 24 V |
| Input voltage range | ±10 % |
| Nominal input current at U_N | 21.8 mA |

Load circuit

| | |
|--|------------|
| Number of changeover/switchover contacts | 1 |
| Contact material (relay) | AgNi 90/10 |
| Limiting continuous current | 6 A |

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



| | |
|---|--|
| Inrush current (resistive) (max.) | (AC) 16 A / 4 s |
| Switching voltage (max.) | AC 250 V |
| Switching power (resistive) (max.) | AC 1500 VA |
| Pull-in time (typ.) | 9 ms |
| Drop-out time (typ.) | 3 ms |
| Bounce time (typ.) | 2 ms |
| Electrical life (NO; resistive load; 23 °C) | 100 x 10 ³ switching operations |
| Mechanical life | 30 x 10 ⁶ switching operations |

Safety and protection

| | |
|---|---------|
| Rated voltage | 300 V |
| Overvoltage category | II |
| Pollution degree | 2 |
| Dielectric strength, control/load circuit (AC, 1 min) | 4 kVrms |
| Dielectric strength, open contact (AC, 1 min) | 1 kVrms |

Connection data

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

Physical data

| | |
|-----------------------------------|----------------------|
| Width | 20.5 mm / 0.807 inch |
| Height | 85 mm / 3.346 inch |
| Depth from upper edge of DIN-rail | 48 mm / 1.89 inch |

Mechanical data

| | |
|---------------|-------------|
| Mounting type | DIN-35 rail |
|---------------|-------------|

Material data

| | |
|-----------|----------|
| Color | gray |
| Fire load | 0.755 MJ |
| Weight | 45 g |

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

Environmental requirements

| | |
|---|-----------------------------|
| Surrounding air temperature (operation at U_N) | -25 ... 40 °C |
| Surrounding air temperature (storage) | -40 ... 80 °C |
| Processing temperature | -25 ... +50 °C |
| Relative humidity | 5 ... 75 % (non-condensing) |

Standards and specifications


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

Commercial data




| | |
|-----------------------|---------------------------|
| Product Group | 6 (Interface Electronics) |
| PU (SPU) | 10 (1) Stück |
| Packaging type | box |
| Country of origin | CN |
| GTIN | 4045454468033 |
| Customs tariff number | 85364900990 |

Optional accessories

Tool

| | | |
|--|--|--|
| Operating tool | | |
|  | Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured | www.wago.com/210-720 |

Marking accessories

| | | |
|--|---|--|
| Marking strip | | |
|  | Item no.: 709-196 Marking strips; for laser printer; translucent | www.wago.com/709-196 |
|  | Item no.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white | www.wago.com/709-178 |
|  | Item no.: 709-177 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent | www.wago.com/709-177 |

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



Downloads

Documentation

Bid Text

| | | | |
|------------------------|--------------|---------------|----------|
| 288-304 X81 - Datei | 2019. 2. 19. | xml 4.1 kB | Download |
|------------------------|--------------|---------------|----------|

| | | | |
|-------------------------|--------------|-----------------|----------|
| 288-304 docx - Datei | 2019. 2. 20. | docx 16.5 kB | Download |
|-------------------------|--------------|-----------------|----------|

Instruction Leaflet

| | | | |
|--|--|---------------|----------|
| | | pdf 1.3 MB | Download |
|--|--|---------------|----------|

Additional Information

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

CAD/CAE-Data

CAD data

| | | | |
|----------------------|--|-----|----------|
| 2D/3D Models 288-304 | | URL | Download |
|----------------------|--|-----|----------|

CAE data

| | | | |
|---------------------------|--|-----|----------|
| EPLAN Data Portal 288-304 | | URL | Download |
|---------------------------|--|-----|----------|

| | | | |
|----------------------|--|-----|----------|
| ZUKEN Portal 288-304 | | URL | Download |
|----------------------|--|-----|----------|

| | | | |
|------------------------|--|-----|----------|
| WSCAD Universe 288-304 | | URL | Download |
|------------------------|--|-----|----------|

Environmental Product Compliance

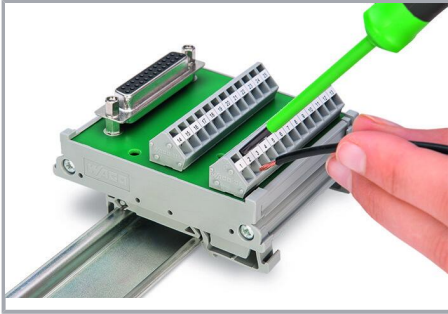
Compliance Search

| | | | |
|---|--|-----|----------|
| Environmental Product Compliance 288-304 Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Module width: 21 mm; 2,50 mm ² ; gray | | URL | Download |
|---|--|-----|----------|

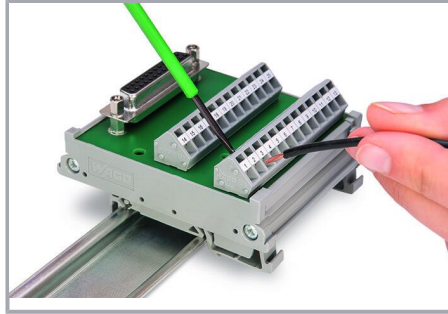
Subject to changes. Please also observe the further product documentation!

Installation Notes

Inserting a conductor

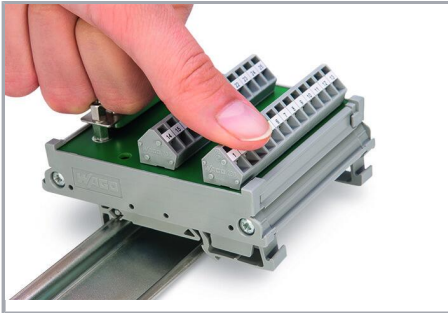


Conductor termination – screwdriver actuation parallel to conductor entry

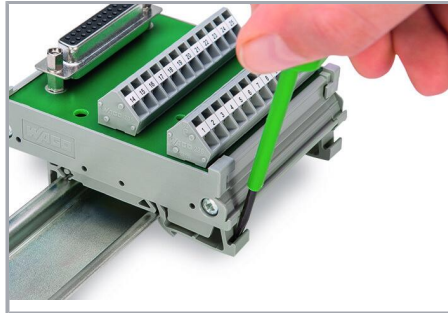


Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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