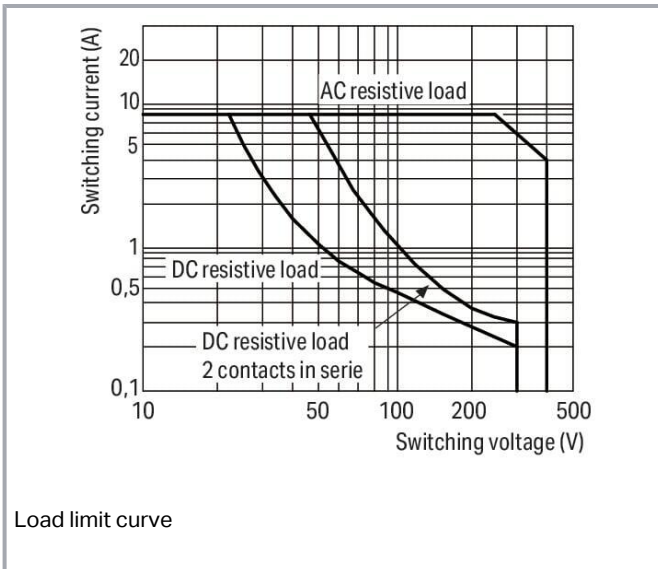
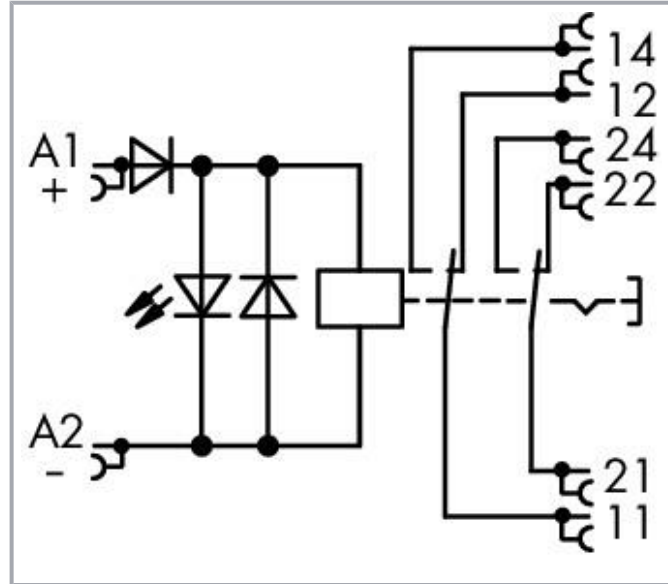
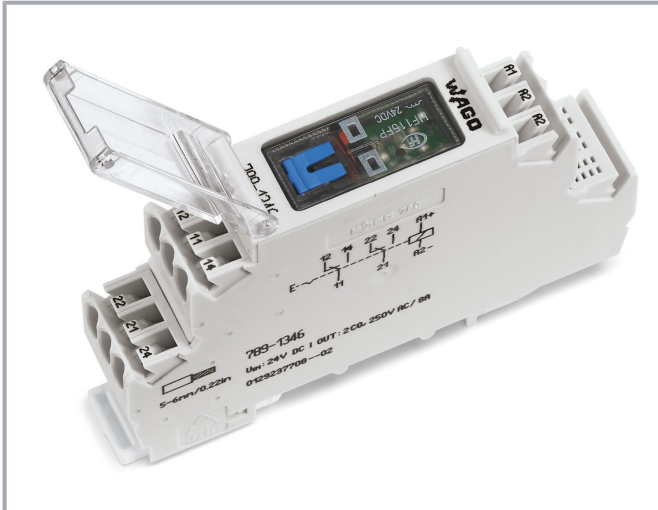


Data sheet | Item number: 789-1346

Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts;
Limiting continuous current: 8 A; with manual operation; Red status indicator;
Module width: 18 mm; 2,50 mm²



www.wago.com/789-1346



Data Notes

Note

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

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We are always happy to take your call at +49 (571) 887-44222.



To protect the relay coils and contacts, inductive loads must be dampened with an effective protection circuit.

Technical data

Control Circuit

| | |
|--------------------------------|------------|
| Nominal input voltage U_N | DC 24 V |
| Input voltage range | $\pm 10\%$ |
| Nominal input current at U_N | 17 mA |

Load circuit

| | |
|--|---------------------------------------|
| Number of changeover/switchover contacts | 2 |
| Contact material (relay) | AgNi |
| Limiting continuous current | 8 A |
| Inrush current (resistive) max. | (AC) 16 A / 0.02 s; (AC) 12 A / 4 s |
| Switching voltage (max.) | AC 250 V |
| Switching power (resistive) max. | AC 2000 VA; DC (see load limit curve) |
| Recommended minimum load | 12 V / 10 mA |
| Pull-in time (typ.) | 15 ms |
| Drop-out time (typ.) | 8 ms |
| Bounce time (typ.) | 7 ms |
| Mechanical life | 5×10^6 switching operations |

Signaling

| | |
|------------------|---------|
| Status indicator | Red LED |
|------------------|---------|

Safety and protection

| | |
|--|--|
| Rated voltage | 250 V |
| Overvoltage category | II |
| Pollution degree | 2 |
| Dielectric strength (control/load circuit) (AC, 1 min) | 3.5 kVrms |
| Dielectric strength (open contact) (AC, 1 min) | 1 kVrms |
| Dielectric strength (load/load circuit) (AC, 1 min) | 1.5 kVrms |
| Insulation type (control/load circuit) | Reinforced insulation (safe isolation) |

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



| | |
|-------------------------------------|--|
| Insulation type (open contact) | Functional insulation |
| Insulation type (load/load circuit) | Basic insulation |
| Insulation type (adjacent devices) | Reinforced insulation (safe isolation) |
| Protection type | IP20 |

Connection data

| | |
|-------------------------|---|
| Connection technology | CAGE CLAMP® |
| Solid conductor | 0.2 ... 2.5 mm ² / 24 ... 14 AWG |
| Fine-stranded conductor | 0.2 ... 2.5 mm ² / 24 ... 14 AWG |
| Strip length | 9 ... 10 mm / 0.35 ... 0.39 inches |

Physical data

| | |
|-----------------------------------|------------------------|
| Width | 17.5 mm / 0.689 inches |
| Height | 90 mm / 3.543 inches |
| Depth from upper-edge of DIN-rail | 55 mm / 2.165 inches |

Mechanical data

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

Material Data

| | |
|-----------|----------|
| Fire load | 2.925 MJ |
| Weight | 57.6 g |

Environmental requirements

| | |
|--|----------------|
| Ambient temperature (operation at U _N) | -25 ... +50 °C |
| Ambient temperature (storage) | -40 ... +70 °C |
| Processing temperature | -25 ... +50 °C |

Standards and specifications

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

Commercial data

| | |
|---------------|--------------------------|
| Product Group | 6 (INTERFACE ELECTRONIC) |
| eCl@ss 10.0 | 27-14-23-09 |
| eCl@ss 9.0 | 27-14-23-09 |

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


| | |
|-----------------------|---------------|
| ETIM 8.0 | EC001437 |
| ETIM 7.0 | EC001437 |
| PU (SPU) | 10 (1) pcs |
| Packaging type | box |
| Country of origin | DE |
| GTIN | 4050821386773 |
| Customs tariff number | 85364900990 |

Environmental Product Compliance



| | |
|---|--|
| CAS-No. | 7439-92-1 79-94-7 |
| REACH Candidate List Substance | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Lead |
| RoHS Compliance Status | Compliant,With Exemption |
| RoHS Exemption | 6(c) 7(a) 7(c)-I 7(c)-II |
| SCIP notification number (Bulgaria) | 8877f049-8aff-45ab-a822-166db584deb2 |
| SCIP notification number (Czech Republic) | c0485dea-82f9-402a-aa89-0cca82a63405 |

Approvals / Certificates

General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|-------------------------------------|
|  | EAC Brjansker Zertifizierungsstelle | TP TC 004/2011 | EAC RU C-DE.AM02. B.00122 /19 |

Declarations of conformity and manufacturer's declarations

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |
|  | UK-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

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Optional accessories

Jumpers

Jumper



Item no.: 789-112
Jumper; 12-way; silver-colored

www.wago.com/789-112

Ferrule

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

www.wago.com/216-241



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

www.wago.com/216-242



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

www.wago.com/216-243



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

www.wago.com/216-244

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 devices



Item no.: 210-110
Fiber-tip pen

www.wago.com/210-110

Marker



Item no.: 2009-145
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

www.wago.com/2009-145



Item no.: 248-451
Mini-WSB marking card; as card; MARKED; K11 - K20 (10x); not stretchable; Horizontal marking; snap-on type; white

www.wago.com/248-451



Item no.: 248-455
Mini-WSB marking card; as card; MARKED; U 100 (10x); not stretchable; Horizontal marking; snap-on type; white

www.wago.com/248-455

Item no.: 248-450

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

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| | | |
|--|---|--|
|  | Mini-WSB marking card; as card; MARKED; K1 - K10 (10x); not stretchable; Horizontal marking; snap-on type; white | www.wago.com/248-450 |
|  | Item no.: 248-452 Mini-WSB marking card; as card; MARKED; K (100x); not stretchable; Horizontal marking; snap-on type; white | www.wago.com/248-452 |
|  | Item no.: 248-453 Mini-WSB marking card; as card; MARKED; U1, ... U10 (10x); not stretchable; Horizontal marking; snap-on type; white | www.wago.com/248-453 |
|  | Item no.: 248-454 Mini-WSB marking card; as card; MARKED; U11 - U20 (10x); not stretchable; Horizontal marking; snap-on type; white | www.wago.com/248-454 |
|  | Item no.: 248-566 Mini-WSB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white | www.wago.com/248-566 |
|  | Item no.: 248-501 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white | www.wago.com/248-501 |
|  | Item no.: 248-504 Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white | www.wago.com/248-504 |
|  | Item no.: 248-503 Mini-WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white | www.wago.com/248-503 |
|  | Item no.: 248-506 Mini-WSB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white | www.wago.com/248-506 |
|  | Item no.: 248-502 Mini-WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white | www.wago.com/248-502 |

Downloads

Documentation

Bid Text

| | | | |
|--------------------------|-------------|-----------------|----------|
| 789-1346 docx - Datei | 2019 Feb 20 | docx 17.2 kB | Download |
| 789-1346 X81 - Datei | 2019 Feb 19 | xml 4.6 kB | Download |

Instruction Leaflet

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

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



Additional Information

| | | | |
|---|-------------|--------|----------|
| Disposal and Recycling | V 1.1.0 | pdf | Download |
| Electrical and electronic equipment, Batteries, Packaging | 2022 Aug 18 | 2.2 MB | |

CAD/CAE-Data

CAE data

| | | |
|----------------------------|-----|----------|
| EPLAN Data Portal 789-1346 | URL | Download |
| WSCAD Universe 789-1346 | URL | Download |
| ZUKEN Portal 789-1346 | URL | Download |

CAD data

| | | |
|-----------------------|-----|----------|
| 2D/3D Models 789-1346 | URL | Download |
|-----------------------|-----|----------|

Environmental Product Compliance

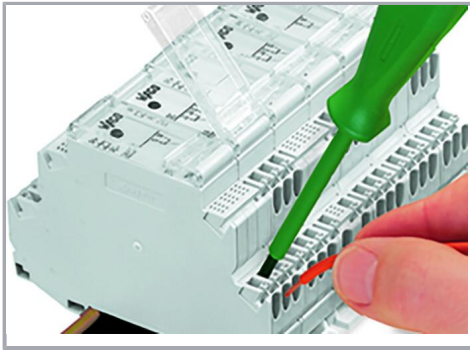
Compliance Search

| | | |
|--|-----|----------|
| Environmental Product Compliance 789-1346 | URL | Download |
| Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 8 A; with manual operation; Red status indicator; Module width: 18 mm; 2,50 mm ² | | |

Installation Notes

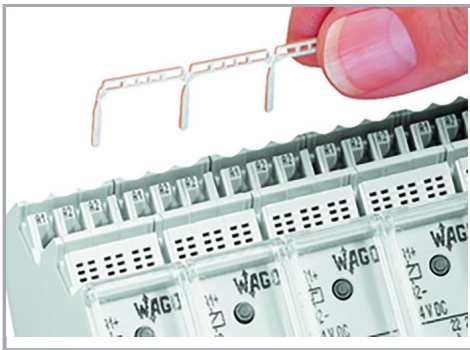
Conductor termination

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



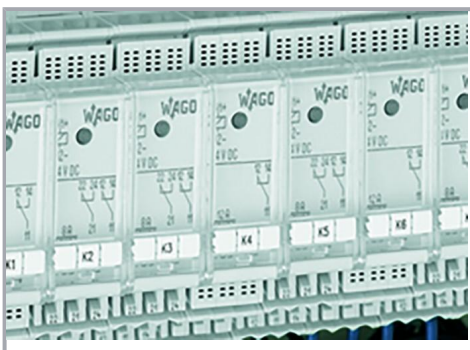
Inserting a conductor.

Commoning



Easy commoning via adjacent jumpers.

Marking



Marking via Mini-WSB Quick Marking System.

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