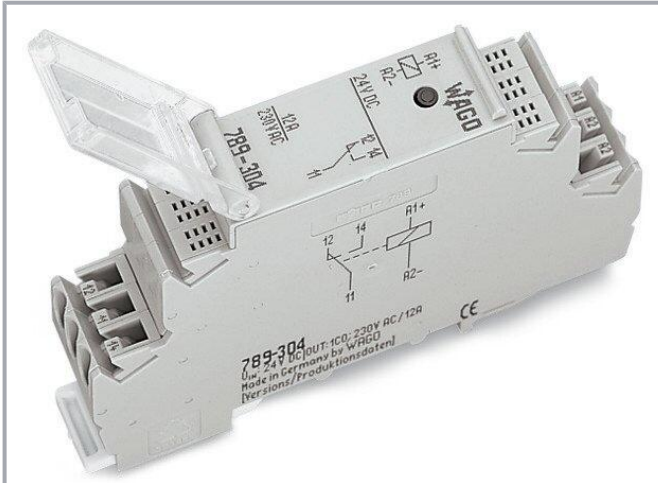


Data sheet | Item number: 789-508

Relay module; Nominal input voltage: 230 VAC; 1 changeover contact;
Limiting continuous current: 12 A; Red status indicator; Module width: 18
mm; 2,50 mm²; gray

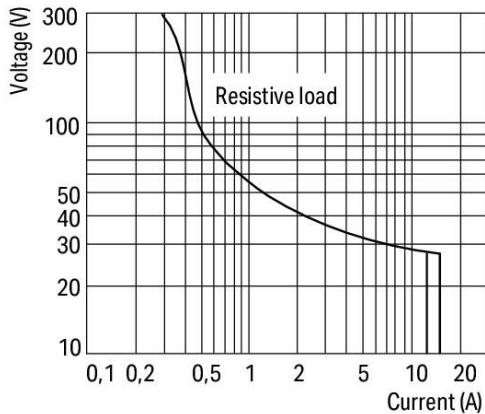
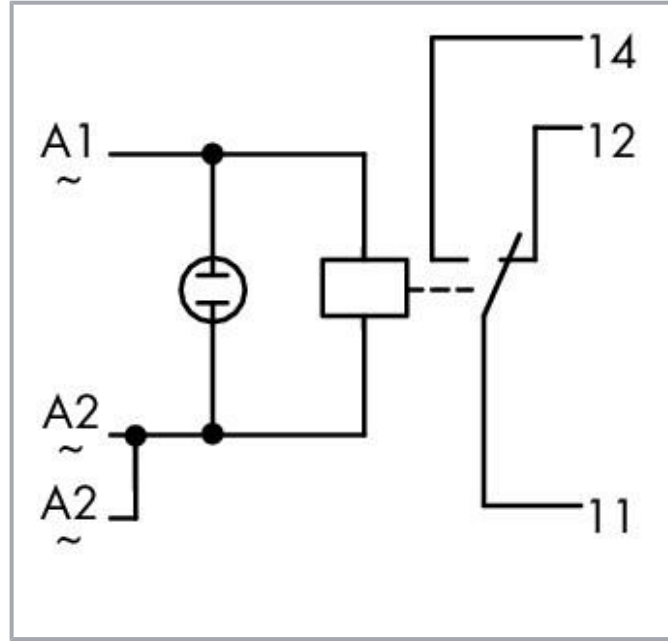
www.wago.com/789-508



 Picture differs from the item.

Similar to picture

Color: 



DC load limit curve

Item description

Short description:

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

WAGO GmbH & Co. KG
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32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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



WAGO's switching relays (789 Series) serve a wide variety of applications, from basic lighting control – homes, hotels and commercial structures – to comprehensive industrial control cabinets. Just 17.5 mm (0.689 inch) wide, the compact DIN-rail-mount enclosure is ideal for distribution boards and meter cabinets.

Data

Notes

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

Control Circuit

Nominal input voltage U_N	AC 230 V
Input voltage range	-15 ... +10 %
Nominal input current at U_N	5 mA

Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi 90/10
Limiting continuous current	12 A
Inrush current (resistive) max.	(AC) 30 A / 4 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) max.	AC 3000 VA; DC (see load limit curve)
Recommended minimum load	12 V / 10 mA
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	15 ms
Bounce time (typ.)	3 ms
Mechanical life	10 x 10 ⁶ switching operations

Signaling

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



Safety and protection

Rated voltage	250 V
Rated surge voltage	4 kV
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	5 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
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
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Material Data

Color	gray
Fire load	0.741 MJ
Weight	49.2 g

Environmental requirements

Ambient temperature (operation at U _N)	-25 ... +40 °C
Ambient temperature (storage)	-40 ... +85 °C
Processing temperature	-25 ... +50 °C

Standards and specifications

Standards/specifications	EN 60664-1
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Commercial data


Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-14-23-09
eCl@ss 9.0	27-14-23-09
ETIM 8.0	EC001437
ETIM 7.0	EC001437
PU (SPU)	10 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4017332819398
Customs tariff number	85364900990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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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

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 mm ² / 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 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	www.wago.com/216-242

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

 **Item no.: 216-243**
 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; www.wago.com/216-243
 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 www.wago.com/216-244


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**
 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

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



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

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

Downloads

Documentation

Bid Text

789-508 docx - Datei	2019 Feb 20	docx 16.7 kB	Download
789-508 X81 - Datei	2019 Feb 19	xml 4.2 kB	Download

Instruction Leaflet

pdf
1.3 MB
Download

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

CAD data

2D/3D Models 789-508	URL	Download
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CAE data

EPLAN Data Portal 789-508	URL	Download
ZUKEN Portal 789-508	URL	Download

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 789-508

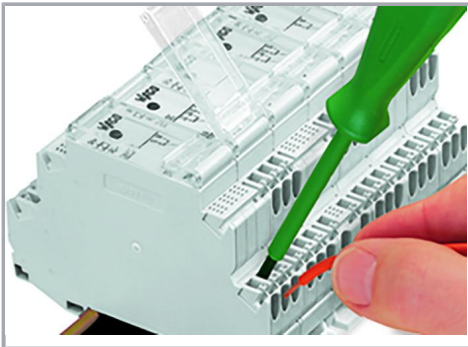
[URL](#)

[Download](#)

Relay module; Nominal input voltage: 230 VAC; 1 changeover contact; Limiting continuous current: 12 A; Red status indicator; Module width: 18 mm; 2,50 mm²; gray

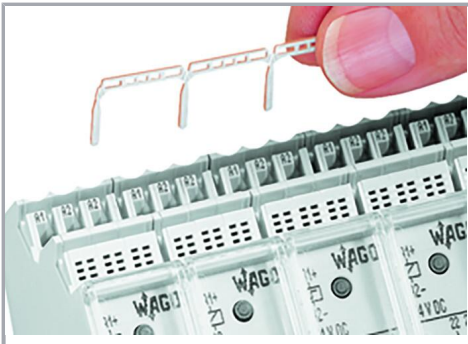
Installation Notes

Conductor termination



Inserting a conductor.

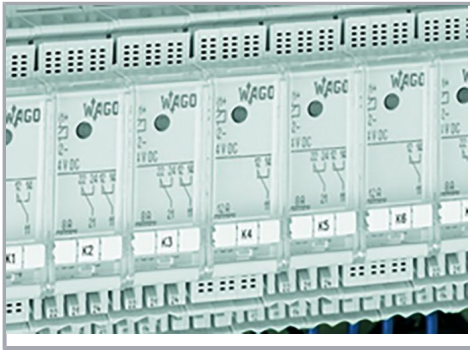
Commoning



Easy commoning via adjacent jumpers.

Marking

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



Marking via Mini-WSB Quick Marking System.

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

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