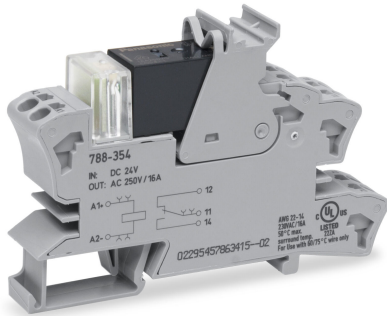


Data sheet | Item number: 788-354

Relay module; Nominal input voltage: 24 VDC; 1 changeover contact;
Limiting continuous current: 16 A; for lamp loads; Red status indicator;
Module width: 15 mm; 2,50 mm²; gray

www.wago.com/788-354

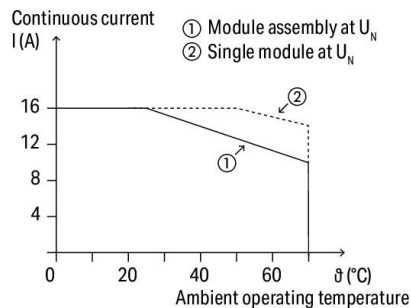
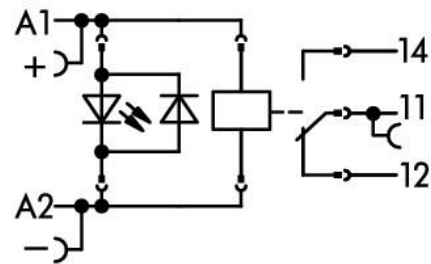


RoHS
Compliant

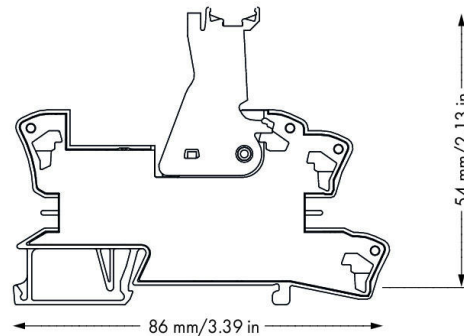
BOMcheck.net

Similar to
picture

Color: ■



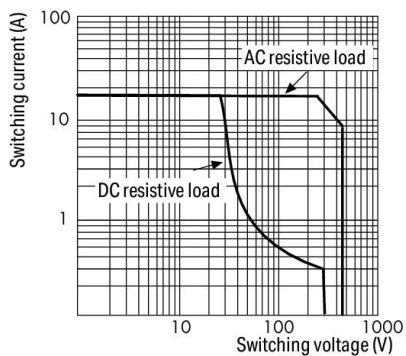
Current-carrying capacity curve



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

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Load limit curve

Item description

Note:

- Reinforced insulation between coil and contacts
- A separator plate (e.g., 209-191) must be used for voltages greater than 250 V between adjacent relay modules and for compliance with the reinforced insulation requirements.
- To protect the relay coils and contacts, inductive loads must be dampened with an effective protection circuit.

Data
Technical data

Control circuit

Nominal input voltage U_N	DC 24 V
Input voltage range	-15 ... +20 %
Nominal input current at U_N	19 mA

Load circuit

Number of changeover/switchover contacts	1
--	---

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

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Contact material (relay)	AgSnO ₂
Limiting continuous current	16 A
Inrush current (resistive) (max.)	(AC) 120 A / 0.05 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	AC 4000 VA; DC (see load limit curve)
Recommended minimum load	5 V / 100 mA
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	5 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10 ³ switching operations
Mechanical life	10 x 10 ⁶ switching operations

Signaling

Status indicator	Red LED
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Safety and protection

Rated voltage	250 V
Rated surge voltage	4 kV
Pollution degree	3
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	Push-in CAGE CLAMP®
Solid conductor	0.34 ... 2.5 mm ² / 22 ... 14 AWG
Fine-stranded conductor	0.34 ... 2.5 mm ² / 22 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch

Physical data

Width	15 mm / 0.591 inch
Height from upper-edge of DIN-rail	54 mm / 2.126 inch
Depth	86 mm / 3.386 inch

Mechanical data

Mounting type	DIN-35 rail
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Subject to changes. Please also observe the further product documentation!

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Material data

Color	gray
Fire load	0.92 MJ
Weight	44.1 g

Environmental requirements

Surrounding air temperature (operation at U_N)	-40 ... 70 °C
Surrounding air temperature (storage)	-40 ... 70 °C
Processing temperature	-25 ... +50 °C

Standards and specifications

Standards/Specifications	EN 61010-2-201; EN 61810-1; EN 61373; UL 508 (max. 10 A)
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Commercial data

Product Group	6 (Interface Electronics)
Packaging type	BOX
Country of origin	CN
GTIN	4055143184168
Customs tariff number	85364900990

Approvals / Certificates

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.6

Compatible products

General accessories

	Item no.: 209-145 Group marker carrier; white	www.wago.com/209-145
	Item no.: 209-184 Protection cover; transparent	www.wago.com/209-184

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

**Item no.: 788-120**

Accessories for relay modules; Operation status indicator: red

www.wago.com/788-120**Marking accessories****Item no.: 2009-110**

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

www.wago.com/2009-110**Item no.: 2009-115**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

www.wago.com/2009-115**Item no.: 209-128**

Adaptor; gray

www.wago.com/209-128**Item no.: 209-183**

Marker card; white

www.wago.com/209-183**Item no.: 210-110**

Fiber-tip pen

www.wago.com/210-110**Item no.: 249-105**

Group marker carrier; gray

www.wago.com/249-105**Item no.: 793-501**

WMB marking card; as card; not stretchable; plain; snap-on type; white

www.wago.com/793-501**Item no.: 793-502**

WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white

www.wago.com/793-502**Item no.: 793-503**

WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white

www.wago.com/793-503**Item no.: 793-504**

WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white

www.wago.com/793-504**Item no.: 793-505**

WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white

www.wago.com/793-505**Jumper****Item no.: 788-113**

Jumper; for jumper slot; 2-way; insulated

www.wago.com/788-113**Item no.: 788-114**

Jumper; for jumper slot; 3-way; insulated

www.wago.com/788-114**Item no.: 788-115**

Jumper; for jumper slot; 4-way; insulated

www.wago.com/788-115**Item no.: 788-116**

Jumper; for jumper slot; 6-way; insulated

www.wago.com/788-116**Item no.: 788-117**

Jumper; for jumper slot; 8-way; insulated

www.wago.com/788-117

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

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	Item no.: 788-118 Jumper; for jumper slot; from 1 to 3; insulated	www.wago.com/788-118
	Item no.: 859-402 Jumper; for jumper slot; 2-way; insulated; light gray	www.wago.com/859-402
tools		
	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	www.wago.com/210-720
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
	Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / 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 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-244
	Item no.: 216-542 Twin ferrule; Sleeve for 2 x 1 mm ² / AWG 2 x 18; red, insulated; 12 mm long; red	www.wago.com/216-542

Downloads

Documentation

Bid Text

788-354 docx - Datei	2019 Jan 25	docx 17.0 kB	Download
788-354 X81 - Datei	2019 Feb 19	xml 5.0 kB	Download

Instruction Leaflet

Sockets with Elementary Relay/ SSR	V 1.0.1 2020 Oct 9	pdf 2.3 MB	Download
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Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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Subject to changes. Please also observe the further product documentation!

CAD/CAE-Data

CAD data

2D/3D Models 788-354	URL	Download
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CAE data

EPLAN Data Portal 788-354	URL	Download
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ZUKEN Portal 788-354	URL	Download
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WSCAD Universe 788-354	URL	Download
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Environmental Product Compliance

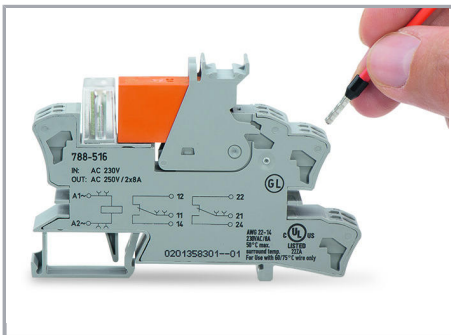
Compliance Search

Environmental Product Compliance 788-354	URL	Download
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Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 16 A; for lamp loads; Red status indicator; Module width: 15 mm; 2,50 mm²; gray

Installation Notes

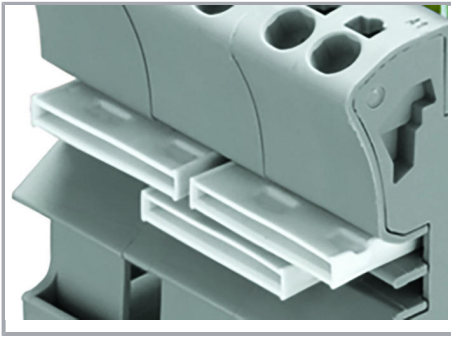
Conductor termination



Connection of conductor

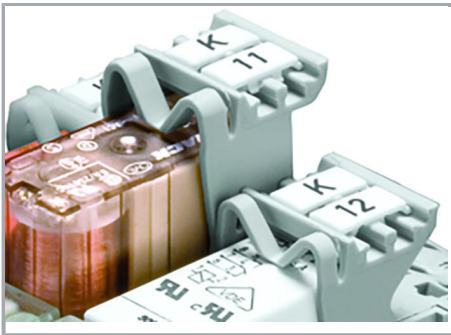
Commoning

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



Easy commoning using adjacent jumpers

Marking



Marking using WMB Multi markers and group marker carriers

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