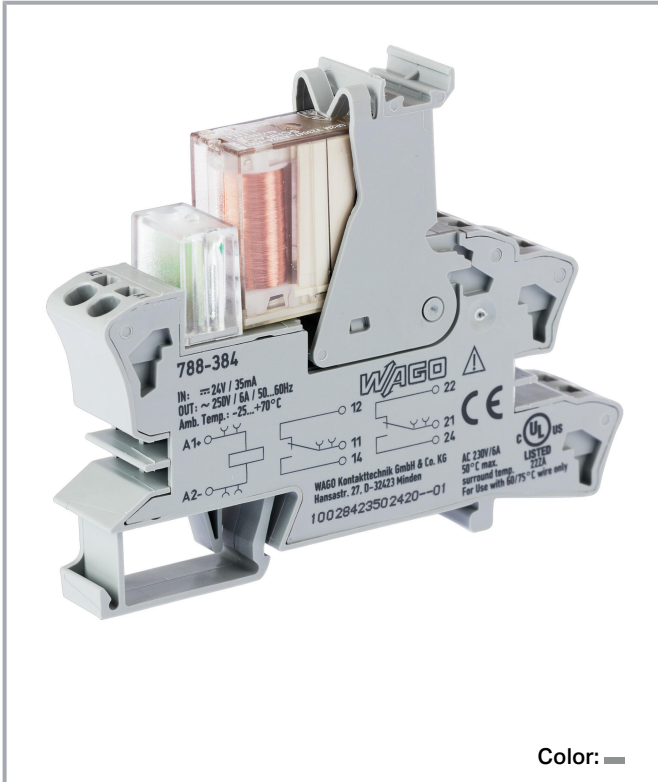


Data sheet | Item number: 788-384

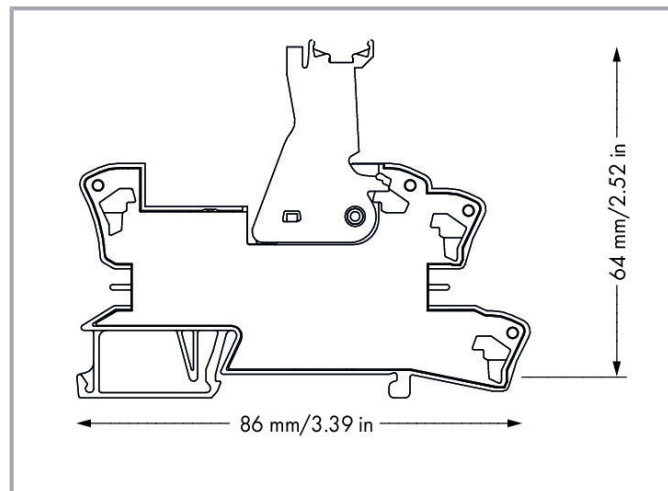
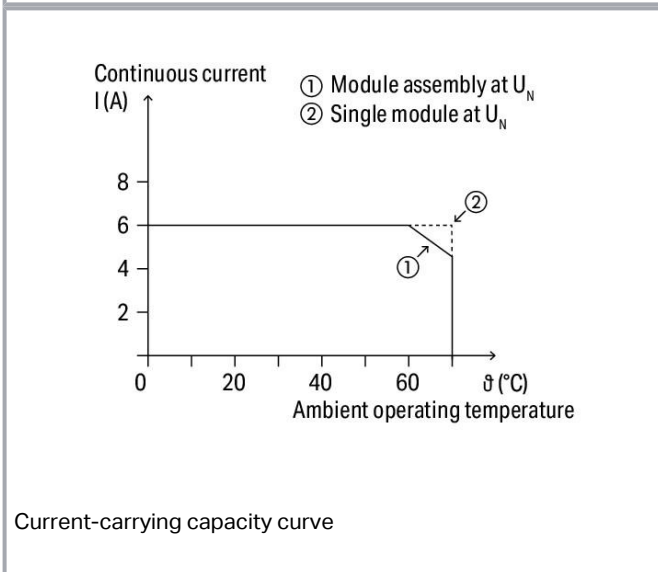
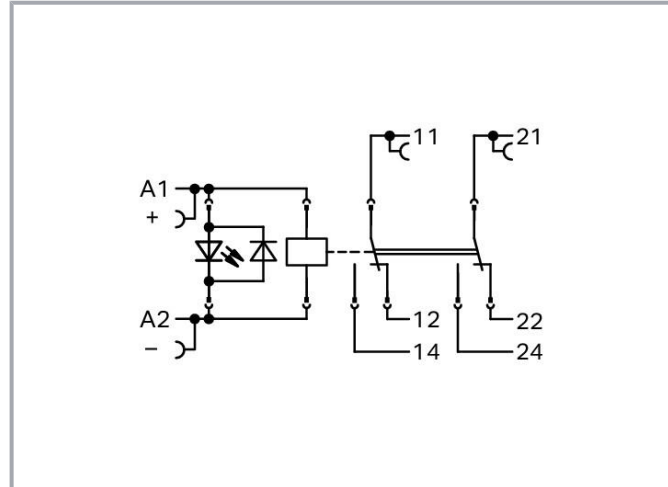


Relay module with driven contacts; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 6 A; Red status indicator; Module width: 15 mm; 2,50 mm²; gray

www.wago.com/788-384



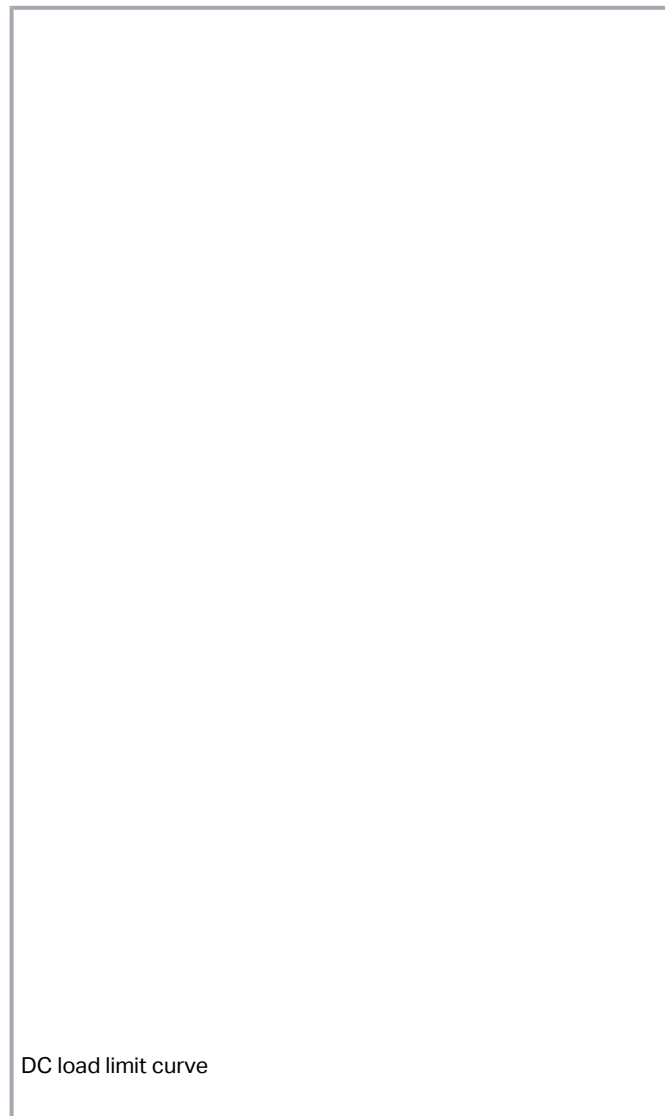
Color:



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

WAGO Kontakttechnik GmbH & Co. KG
 Hansastr. 27
 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.



Data

Notes

Safety information 1

- Per EN 61810-3, it is only permitted to use 1 make contact/1 break contact for safety circuits (11-14 and 22-21 or 12-11 and 21-24).
- 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.

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

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Note

- Reinforced insulation between coil and contacts
- 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	-15 ... +10 %
Nominal input current at U_N	31 mA

Load circuit

Number of changeover/switchover contacts	2
Contact material (relay)	AgNi
Limiting continuous current	6 A
Inrush current (resistive) (max.)	(AC) 14 A / 4 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	AC 1500 VA; DC see load limit curve
Switching capacity	AC-15: 3 A / AC 250 V; DC-13: 3 A / DC 24 V
Recommended minimum load	5 V / 10 mA
Pull-in time (typ.)	10 ms
Drop-out time (typ.)	4 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10 ³ switching operations
Mechanical life	10 x 10 ⁶ switching operations
Switching frequency with/without load (max.)	6 min ⁻¹ / 300 min ⁻¹
Mechanical force-guided operation	Type A

Signaling

Status indicator	Red LED
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Safety and protection

Rated voltage	250 V
Rated surge voltage	4 kV

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



Pollution degree	3
Dielectric strength, control/load circuit (AC, 1 min)	4 kVrms
Dielectric strength, open contact (AC, 1 min)	1.5 kVrms
Dielectric strength, load/load circuit (AC, 1 min)	3 kVrms
Safety information 1	<ul style="list-style-type: none"> ■ Per EN 61810-3, it is only permitted to use 1 make contact/1 break contact for safety circuits (11-14 and 22-21 or 12-11 and 21-24). ■ 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.
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	86 mm / 3.386 inch
Depth from upper edge of DIN-rail	64 mm / 2.52 inch

Mechanical data

Mounting type	DIN-35 rail
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Material data

Color	gray
Fire load	0.945 MJ
Weight	50.3 g

Environmental requirements

Surrounding air temperature (operation at U_N)	-40 ... 70 °C
Surrounding air (operating) temperature for UL	-40 ... 50 °C

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

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
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Commercial data

Product Group	6 (Interface Electronics)
PU (SPU)	15 (1) Stück
Packaging type	box
Country of origin	CN
GTIN	4055143184175
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

Optional accessories

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
	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	www.wago.com/216-244

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

crimped; acc. to DIN 46228, Part 4/09.90; black



Item no.: 216-542

Twin ferrule; Sleeve for 2 x 1 mm² / AWG 2 x 18; red, insulated; 12 mm long; red

www.wago.com/216-542

image coming soon

Marking accessories

Marking strip



Item no.: 209-110

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

www.wago.com/209-110

Marking device



Item no.: 210-110

Fiber-tip pen

www.wago.com/210-110

Double marker carrier



Item no.: 209-128

Adaptor; gray

www.wago.com/209-128

Protective marker cover



Item no.: 209-184

Protection cover; transparent

www.wago.com/209-184

Marker



Item no.: 209-115

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

www.wago.com/209-115



Item no.: 209-183

Marker card; white

www.wago.com/209-183



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

Group marker carrier

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

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Item no.: 209-145
Group marker carrier; white

www.wago.com/209-145



Item no.: 249-105
Group marker carrier; gray

www.wago.com/249-105

Indicators

Operation status indicator

Item no.: 788-120
Accessories for relay modules; Operation status indicator: red; Nominal operating voltage: 24 VDC

www.wago.com/788-120

Jumpers

Jumper



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



Item no.: 788-114
Jumper; for jumper slot; 3-way; insulated

www.wago.com/788-114



Item no.: 788-113
Jumper; for jumper slot; 2-way; insulated

www.wago.com/788-113



Item no.: 788-115
Jumper; for jumper slot; 4-way; insulated

www.wago.com/788-115



Item no.: 859-402
Jumper; for jumper slot; 2-way; insulated; light gray

www.wago.com/859-402



Item no.: 788-118
Jumper; for jumper slot; from 1 to 3; insulated

www.wago.com/788-118

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

788-384

2019. 2. 19.

xml

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Instruction Leaflet

Sockets with Elementary Relay/ SSR	V 1.0.1 2020. 10. 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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CAD/CAE-Data

CAE data

EPLAN Data Portal 788-384		URL		Download
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WSCAD Universe 788-384		URL		Download
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ZUKEN Portal 788-384		URL		Download
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CAD data

2D/3D Models 788-384		URL		Download
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Environmental Product Compliance

Compliance Search

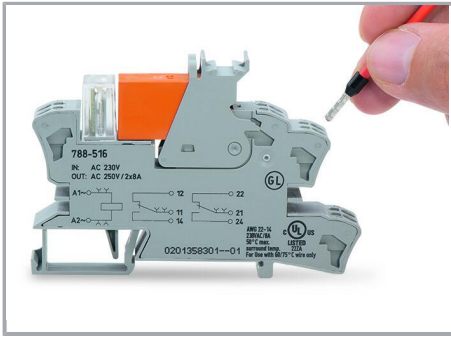
Environmental Product Compliance 788-384		URL		Download
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Relay module with driven contacts; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 6 A; Red status indicator; Module width: 15 mm; 2,50 mm²; gray

Installation Notes

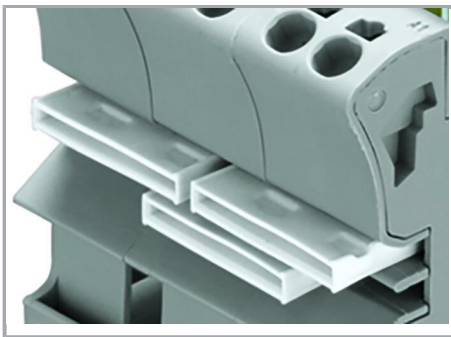
Conductor termination

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



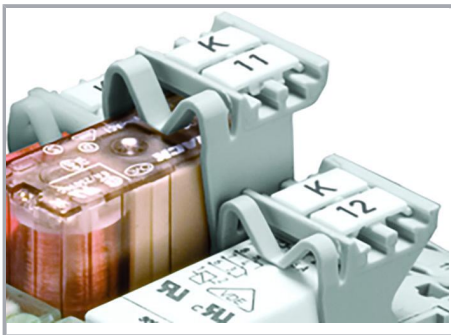
Conductor termination

Commoning



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!