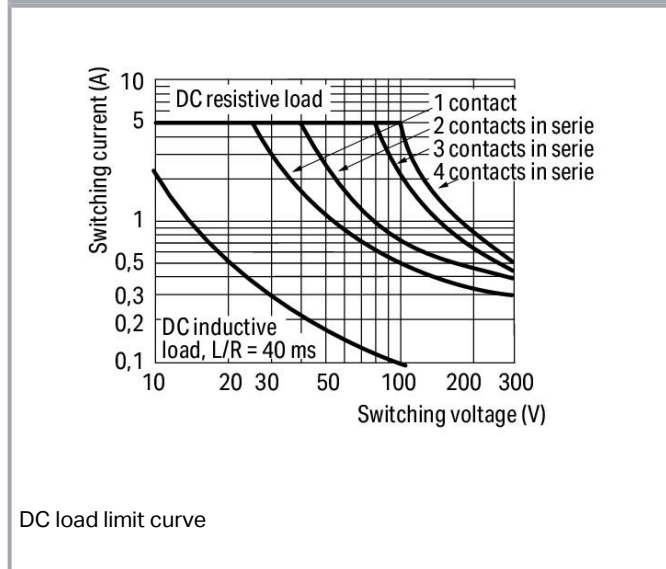
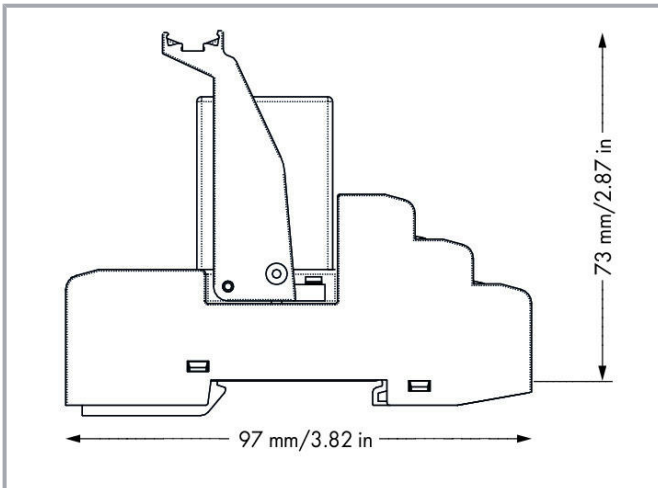
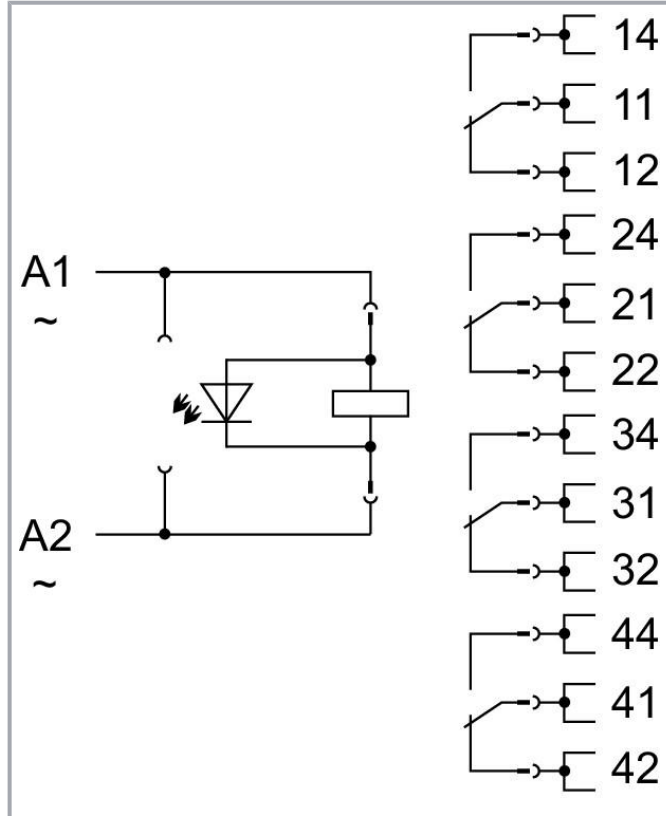
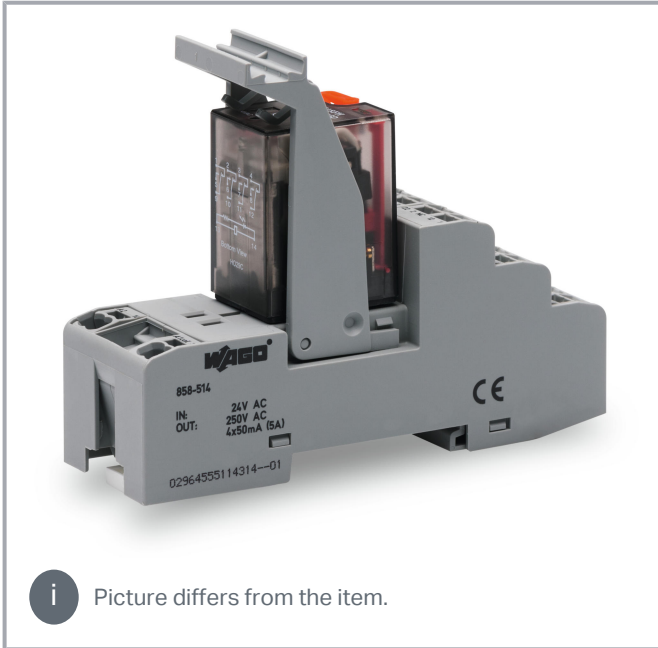


Data sheet | Item number: 858-517

Relay module; Nominal input voltage: 115 VAC; 4 changeover contacts;
 Limiting continuous current: 5 A; with gold contacts; with manual operation;
 Red status indicator; Module width: 31 mm



www.wago.com/858-517



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

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Data

Notes

Note

To prevent damaging the gold layer, 30 VDC switching voltages and 50 mA currents must not be exceeded. Higher switching power eventually evaporates the gold layer. The resulting deposits in the housing may reduce service life.

Technical data

Number of changeover/switchover contacts	4
Contact material (relay)	AgCe + Au
Limiting continuous current	5 A
Inrush current (resistive) (max.)	(AC) 15 A / 4 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	AC 1250 VA; DC (see load limit curve)
Switching capacity	AC-15: 1 A / AC 240 V; DC-13: 2 A / DC 24 V
Recommended minimum load	5 V / 1 mA / 50 mW
Pull-in time (typ.)	25 ms
Drop-out time (typ.)	35 ms
Bounce time (typ.)	4 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10 ³ switching operations
Mechanical life	20 x 10 ⁶ switching operations
Nominal input voltage U_N	AC 115 V
Input voltage range	-20 ... +10 %
Nominal input current at U_N	10 mA
Rated voltage	300 V
Rated surge voltage	2.5 kV
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	1.5 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)	Basic insulation
Insulation type (load/load circuit)	Basic insulation
Insulation type (adjacent devices)	Reinforced insulation (safe isolation)

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



Protection type	IP20
Status indicator	Red LED Mechanical

Connection data

Connection technology	Push-in CAGE CLAMP®
Solid conductor	0.34 ... 1.5 mm ² / 22 ... 16 AWG
Fine-stranded conductor	0.34 ... 1.5 mm ² / 22 ... 16 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch
Note (conductor cross-section)	2 x 0.34 ... 2 x 1.5 mm ² / 1 x 2.5 mm ² / 2 x 22 ... 2 x 16 AWG

Physical data

Width	31 mm / 1.22 inch
Height	97 mm / 3.819 inch
Depth from upper edge of DIN-rail	73 mm / 2.874 inch

Mechanical data

Mounting type	DIN-35 rail
Mounting position	horizontal (standing/lying); vertical

Material data

Fire load	1.226 MJ
Weight	95.3 g

Environmental requirements

Surrounding air temperature (operation at U _N)	-25 ... 70 °C
Surrounding air (operating) temperature for UL	-25 ... 50 °C
Surrounding air temperature (storage)	-40 ... 70 °C
Processing temperature	-25 ... +50 °C
Relative humidity	5 ... 85 %
Operating altitude (max.)	2000 m

Standards and specifications

Standards/Specifications	EN 61010-2-201 EN 61810-1
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Subject to changes. Please also observe the further product documentation!


EN 61373
UL 508 (max. 50 °C)

Commercial data

Product Group	6 (Interface Electronics)
PU (SPU)	5 Stück
Packaging type	box
Country of origin	DE
GTIN	4055143567855
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

Indicators

Operation status indicator		
	Item no.: 788-124 Accessories for relay modules; Operation status indicator: red	www.wago.com/788-124

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 crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-244


Tool

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

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Operating tool

	Item no.: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-719
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Marking accessories


Marking strip

	Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110
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Marking device

	Item no.: 210-110 Fiber-tip pen	www.wago.com/210-110
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Double marker carrier


	Item no.: 209-128 Adaptor; gray	www.wago.com/209-128
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Protective marker cover


	Item no.: 209-184 Protection cover; transparent	www.wago.com/209-184
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Marker


	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
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	Item no.: 209-183 Marker card; white	www.wago.com/209-183
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	Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/793-501
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	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
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	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
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	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
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	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
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	Item no.: 793-506 WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/793-506
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Subject to changes. Please also observe the further product documentation!



Item no.: 793-566

WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white www.wago.com/793-566



Item no.: 793-5501

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white www.wago.com/793-5501

Group marker carrier



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

Jumpers

Jumper



Item no.: 858-402

Jumper

www.wago.com/858-402

Downloads

Documentation

Bid Text

858-517 docx - Datei	Feb 20, 2019	docx 17.8 kB	Download
858-517 X81 - Datei	Feb 19, 2019	xml 5.2 kB	Download

Instruction Leaflet

Stecksocket für Elementarrelais		pdf 2.6 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

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EPLAN Data Portal 858-517	URL	Download
WSCAD Universe 858-517	URL	Download
ZUKEN Portal 858-517	URL	Download
CAD data		
2D/3D Models 858-517	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 858-517	URL	Download
Relay module; Nominal input voltage: 115 VAC; 4 changeover contacts; Limiting continuous current: 5 A; with gold contacts; with manual operation; Red status indicator; Module width: 31 mm		

Installation Notes

Commoning



Removing a jumper via screwdriver.

Marking

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

Data sheet | Item number: 858-517

www.wago.com/858-517



Marking using WMB Multi markers and group marker carriers.

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

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