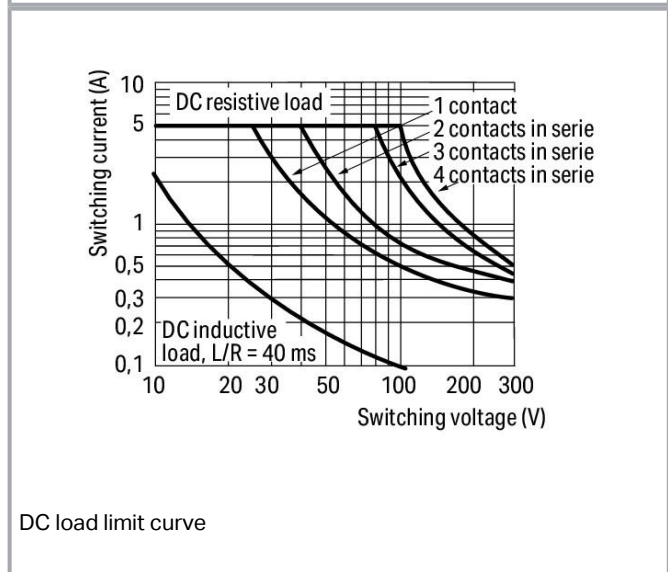
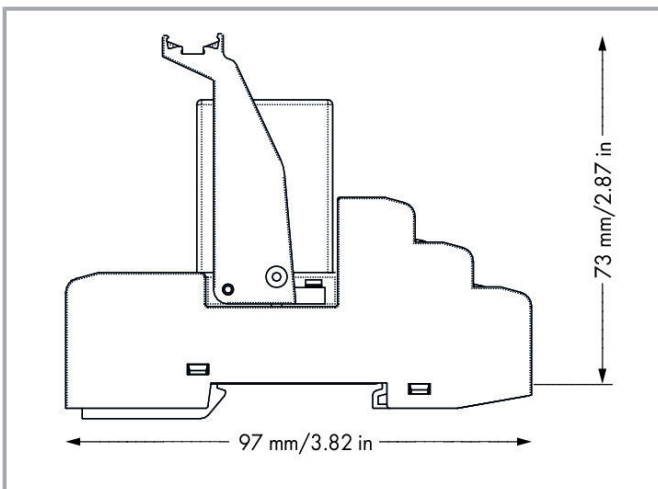
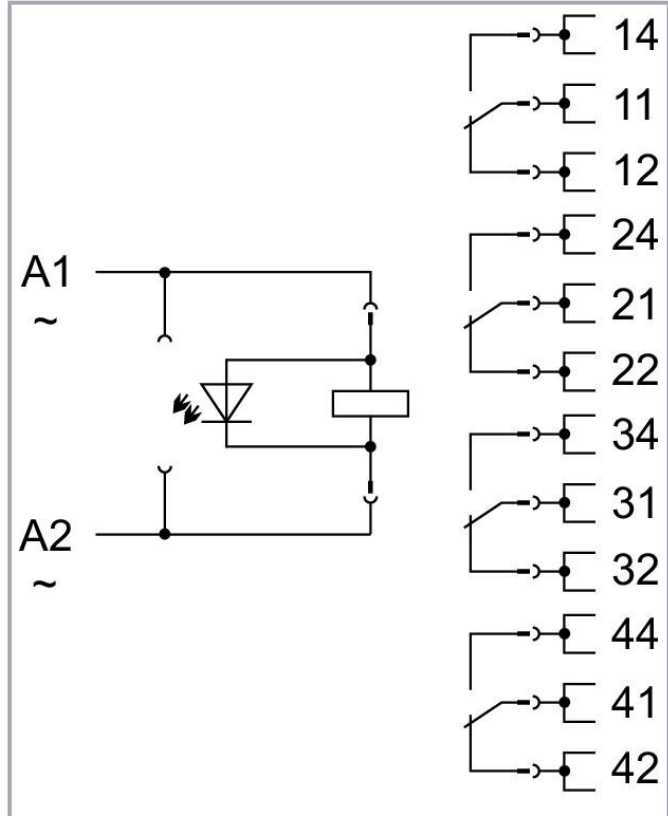
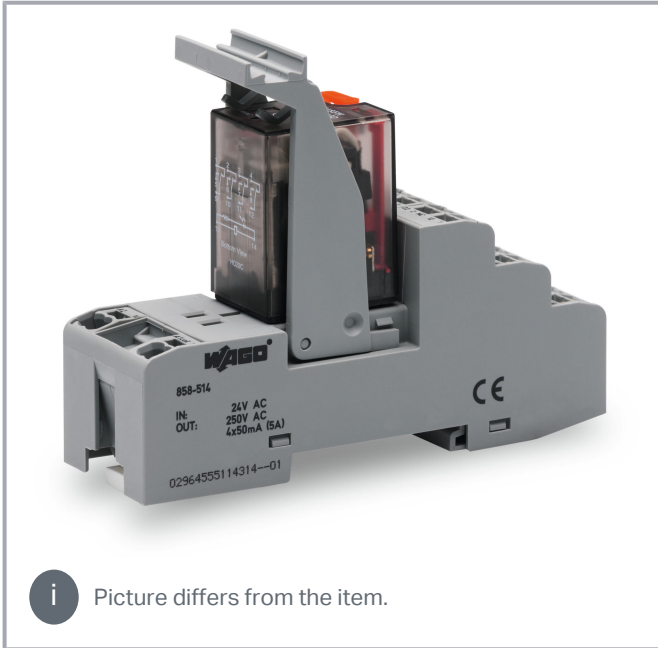


Data sheet | Item number: 858-517

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



Item description

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.

Data

Technical data

Control circuit

Nominal input voltage U_N	AC 115 V
Input voltage range	-20 ... +10 %
Nominal input current at U_N	10 mA

Load circuit

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

Signaling

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

Safety and protection

Rated voltage	250 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
Protection type	IP20

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 from upper-edge of DIN-rail	73 mm / 2.874 inch
Depth	97 mm / 3.819 inch

Mechanical data

Mounting type	DIN-35 rail
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Material data

Fire load	1.225 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 ... 80 °C
Processing temperature	-25 ... +50 °C

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

Standards and specifications

Standards/Specifications


EN 61010-2-201; EN 61810-1; EN 61373; UL 508 (max. 50 °C)

Commercial data

Product Group	6 (Interface Electronics)
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

Compatible products

tools

	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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display element

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

	Item no.: 788-148 Filter module; RC filter element; Nominal voltage: 230 VAC	www.wago.com/788-148
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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

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

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	<p>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</p>	www.wago.com/216-244
Jumper		
	<p>Item no.: 858-402 Jumper</p>	www.wago.com/858-402
Marking accessories		
	<p>Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white</p>	www.wago.com/2009-110
	<p>Item no.: 2009-115 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white</p>	www.wago.com/2009-115
	<p>Item no.: 209-128 Adaptor; gray</p>	www.wago.com/209-128
	<p>Item no.: 209-145 Group marker carrier; white</p>	www.wago.com/209-145
	<p>Item no.: 209-183 Marker card; white</p>	www.wago.com/209-183
	<p>Item no.: 209-184 Protection cover; transparent</p>	www.wago.com/209-184
	<p>Item no.: 210-110 Fiber-tip pen</p>	www.wago.com/210-110
	<p>Item no.: 249-105 Group marker carrier; gray</p>	www.wago.com/249-105
	<p>Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white</p>	www.wago.com/793-501
	<p>Item no.: 793-502 WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white</p>	www.wago.com/793-502
	<p>Item no.: 793-503 WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white</p>	www.wago.com/793-503
	<p>Item no.: 793-504 WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white</p>	www.wago.com/793-504
	<p>Item no.: 793-505 WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white</p>	www.wago.com/793-505
	<p>Item no.: 793-506 WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white</p>	www.wago.com/793-506
	<p>Item no.: 793-5501</p>	

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

 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

 **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

Downloads

Documentation

Bid Text

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

Instruction Leaflet

Stecksockel 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

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
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Environmental Product Compliance

Compliance Search

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

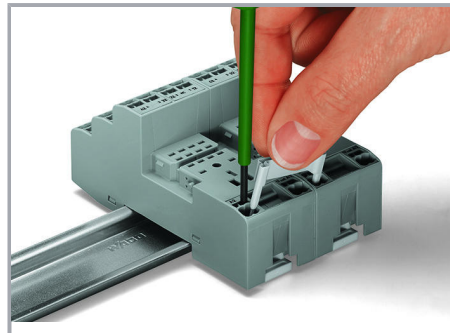
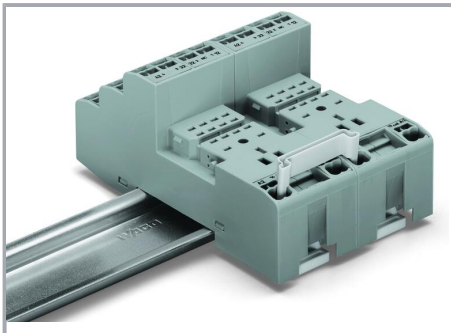
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Environmental Product Compliance 858-517

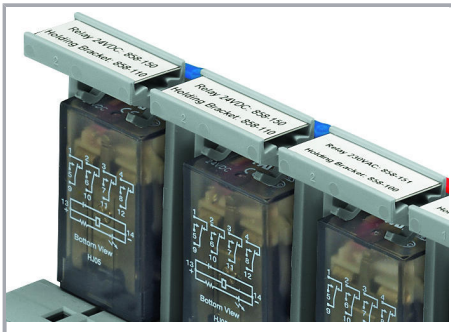
Relay module; Nominal input voltage: 115 VAC; 4 changeover contacts; Limiting continuous current: 5 A; with gold contacts; with manual operation; Red status indicator; Module width: 31 mm

Installation Notes



Removing a jumper via screwdriver.

Marking



Marking using WMB Multi markers and group marker carriers.

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