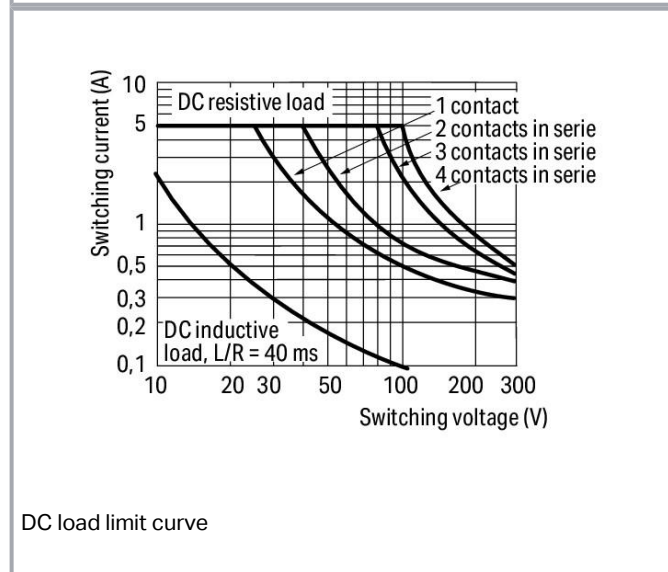
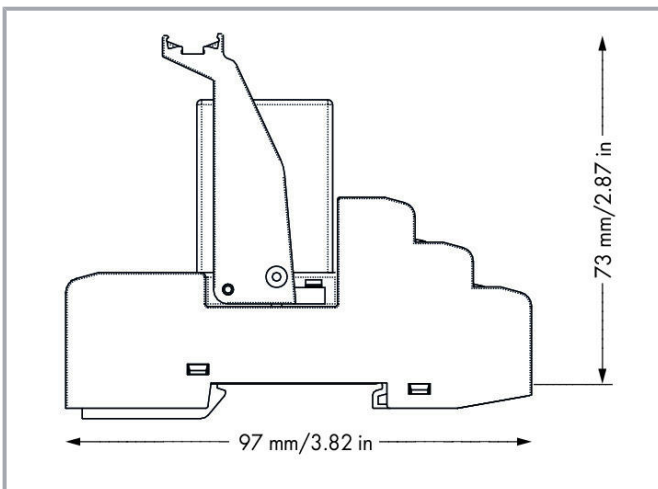
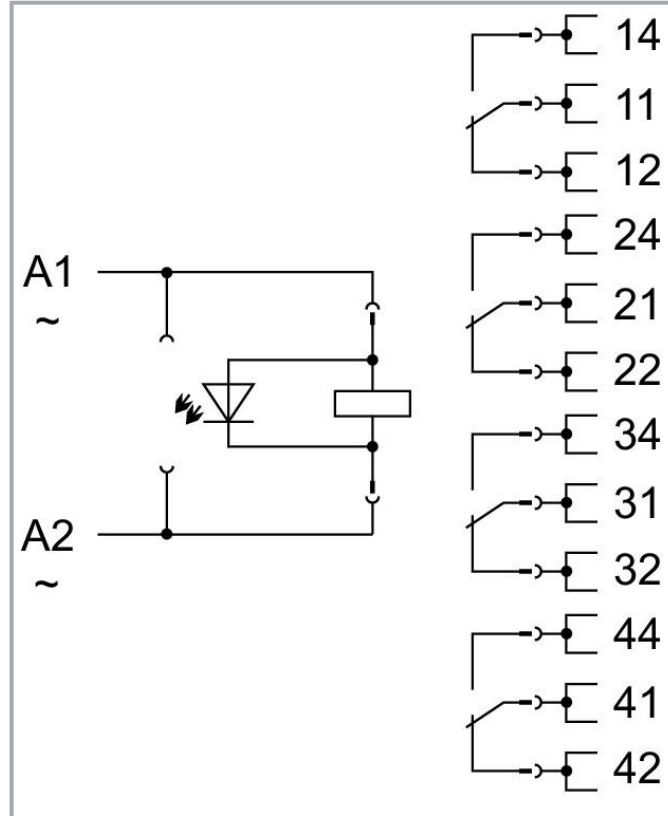
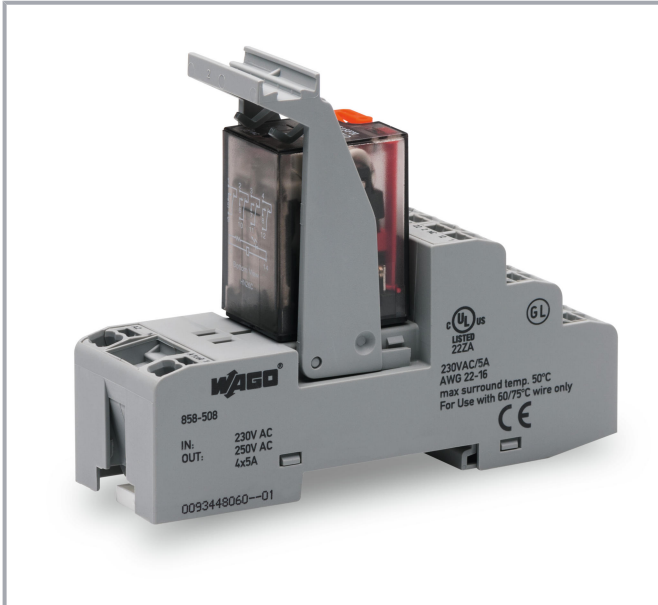


Data sheet | Item number: 858-508

Relay module; Nominal input voltage: 230 VAC; 4 changeover contacts;
 Limiting continuous current: 5 A; with manual operation; Red status indicator;
 Module width: 31 mm; 1,50 mm²



www.wago.com/858-508



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

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

Data

Technical data

Control circuit

Nominal input voltage U_N	AC 230 V
Input voltage range	-20 ... +10 %
Nominal input current at U_N	8.3 mA

Load circuit

Number of changeover/switchover contacts	4
Contact material (relay)	AgCe
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	12 V / 100 mA
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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Safety and protection

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

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



Insulation type (control/load circuit)	Basic insulation
Insulation type (load/load circuit)	Basic insulation
Insulation type (adjacent devices)	Reinforced insulation (safe isolation)
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	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	0.543 MJ
Weight	96.9 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
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Subject to changes. Please also observe the further product documentation!

EN 61810-1
 EN 61373
 GL
 UL 508 (max. 50 °C)

Basic relay



WAGO Basic Relay 858-151

Commercial data


Product Group	6 (Interface Electronics)
PU (SPU)	5 (1) Stück
Packaging type	box
Country of origin	CN
GTIN	4055143568340
Customs tariff number	85364900990

Approvals / Certificates

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAA00001D1
	NK Nippon Kaiji Kyokai	-	TA17255M
	PRS Polski Rejestr Statków	-	TE/2186 /880590/18

UL-Approvals

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

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

Optional accessories

Jumpers

Jumper



Item no.: 858-402
Jumper

www.wago.com/858-402

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

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.: 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.: 209-183
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

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

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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
	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
Indicators	
Operation status indicator	
	Item no.: 788-125 Accessories for relay modules; Operation status indicator: red www.wago.com/788-125
Tool	
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
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
Mounting	
Socket without relay	
	Item no.: 858-110 Mounting bracket www.wago.com/858-110

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



Downloads

Documentation

Bid Text

858-508 docx - Datei	2019. 2. 20.	docx 17.4 kB	Download
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858-508 X81 - Datei	2019. 2. 19.	xml 4.8 kB	Download
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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

CAD data

2D/3D Models 858-508		URL	Download
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CAE data

EPLAN Data Portal 858-508		URL	Download
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WSCAD Universe 858-508		URL	Download
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ZUKEN Portal 858-508		URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 858-508 Relay module; Nominal input voltage: 230 VAC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Red status indicator; Module width: 31 mm; 1,50 mm ²		URL	Download
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Subject to changes. Please also observe the further product documentation!

Installation Notes

Commoning



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!