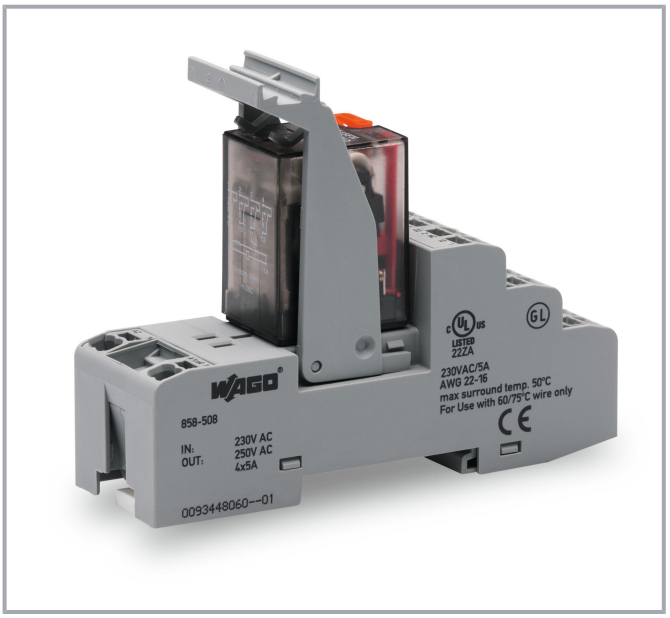
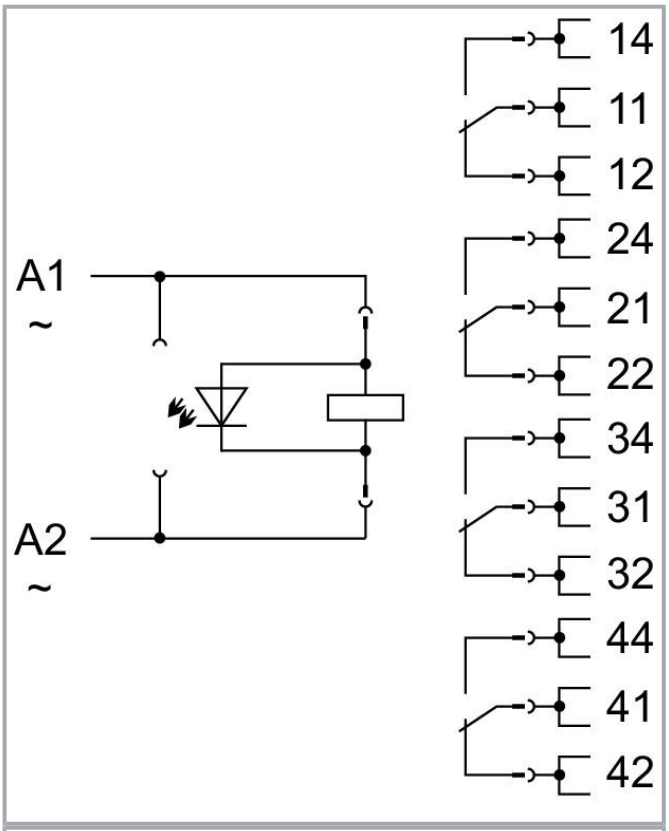
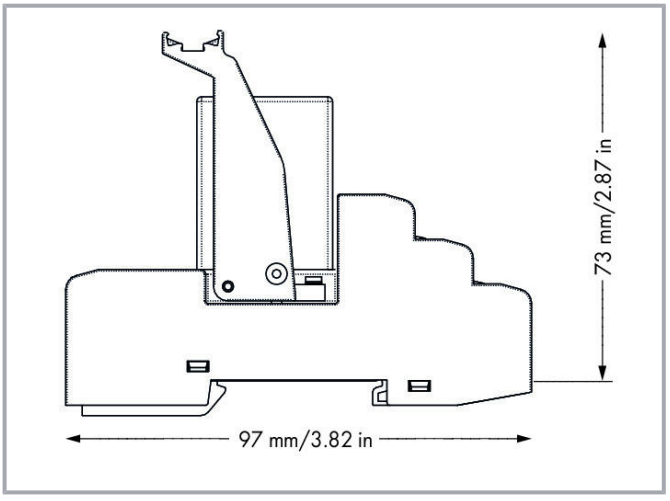
Data sheet | Item number: 858-508

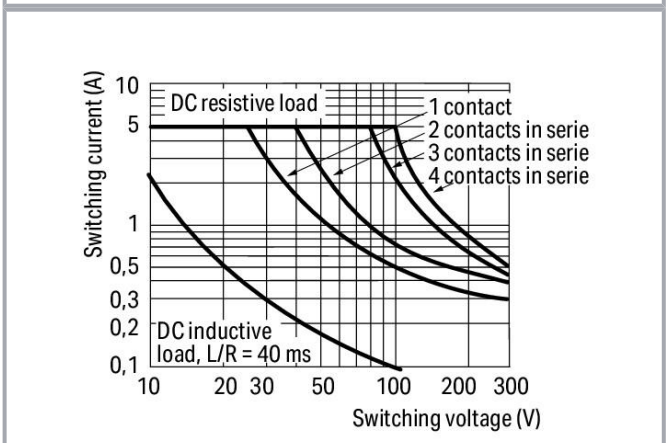
Relay module; Nominal input voltage: 230 VAC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Red status indicator; Module width: 31 mm; 1,50 mm²

www.wago.com/858-508









DC load limit curve

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
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

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!

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.

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 mm² / 22 … 16 AWG
Fine-stranded conductor	0.34 … 1.5 mm² / 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 mm² / 1 x 2.5 mm² / 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

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.

	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

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

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!

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.

	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 mm² / 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 mm² / 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 mm² / 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 mm² / 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!

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.

Downloads

Documentation

Bid Text

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

Instruction Leaflet

Stecksockel für Elementarrelais		pdf 2.6 MB	Download

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download

CAD/CAE-Data

CAD data

2D/3D Models 858-508	URL	Download

CAE data

EPLAN Data Portal 858-508	URL	Download
WSCAD Universe 858-508	URL	Download
ZUKEN Portal 858-508	URL	Download

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 mm²	URL	Download

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.

Installation Notes

Commoning





Removing a jumper via screwdriver.

Marking



Marking using WMB Multi markers and group marker carriers.

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