

Data sheet | Item number: 858-391

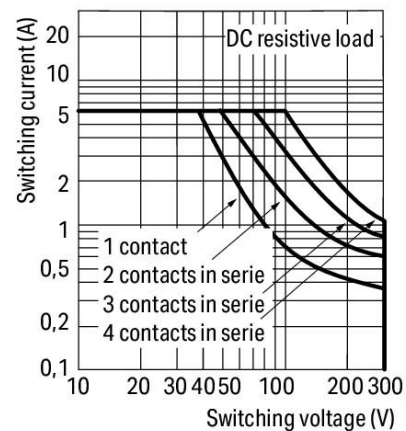
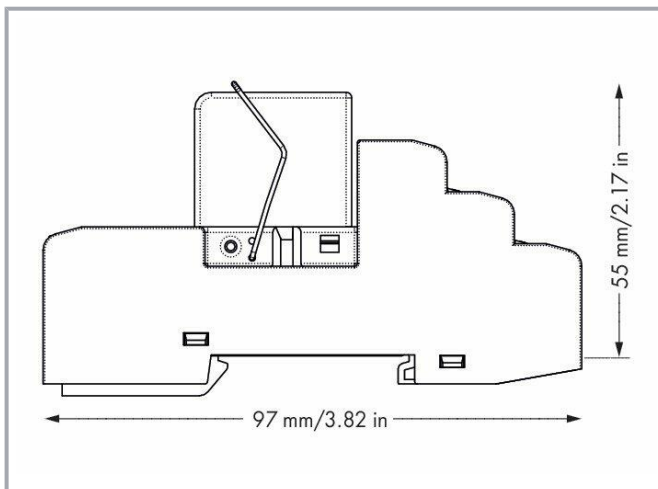
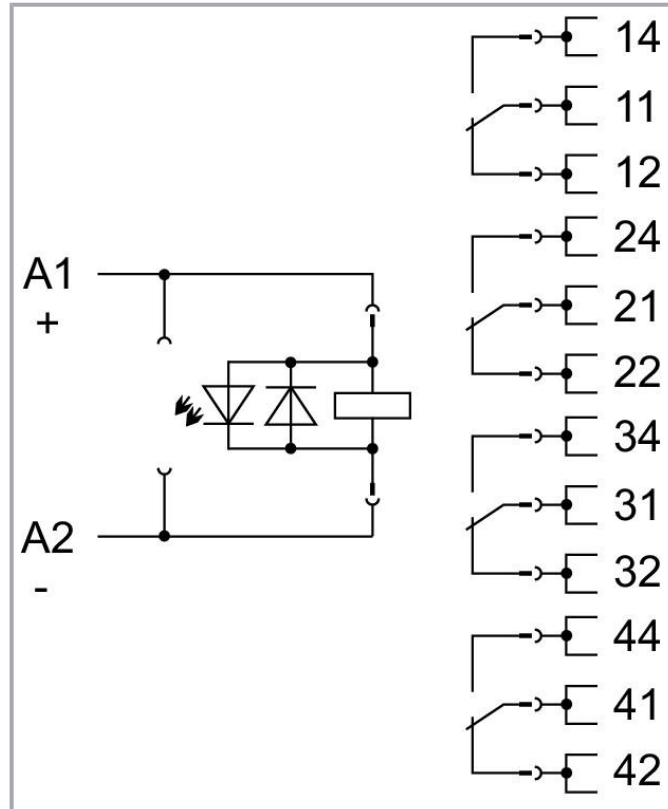
Relay module; Nominal input voltage: 220 VDC; 4 changeover contacts;
Limiting continuous current: 6 A; with manual operation; Red status indicator;
Module width: 31 mm; 1,50 mm²; gray

www.wago.com/858-391



i Picture differs from the item.

Color: —



DC load limit curve

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

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Data

Technical data

Control circuit

Nominal input voltage U_N	DC 220 V
Input voltage range	-10 ... +30 %
Nominal input current at U_N	4.3 mA

Load circuit

Number of changeover/switchover contacts	4
Contact material (relay)	AgNi 90/10
Limiting continuous current	6 A
Inrush current (resistive) (max.)	(AC) 12 A / 0.02 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	AC 1500 VA; DC (see load limit curve)
Recommended minimum load	12 V / 10 mA
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	18 ms
Bounce time (typ.)	8 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10 ³ switching operations
Mechanical life	30 x 10 ⁶ switching operations
Switching frequency with/without load (max.)	6 min ⁻¹ / 60 min ⁻¹

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)	2.5 kVrms
Dielectric strength, open contact (AC, 1 min)	1.2 kVrms
Dielectric strength, load/load circuit (AC, 1 min)	2 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 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	55 mm / 2.165 inch

Mechanical data

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

Material data

Color	gray
Fire load	1.091 MJ
Weight	86.1 g

Environmental requirements

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

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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)
PU (SPU)	5 Stück
Packaging type	box
Country of origin	DE
GTIN	4055143568234
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 crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-244

Jumpers

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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

Item no.: 793-506

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

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WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; www.wago.com/793-506
white

**Item no.: 793-566**

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

**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

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

Downloads**Documentation****Bid Text**

Item no.	Version	File name	Size	Action
858-391	2019. 2. 19.	xml	4.9 kB	Download

X81 - Datei

858-391	2019. 2. 20.	docx	17.9 kB	Download
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docx - Datei

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

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CAE data

EPLAN Data Portal 858-391	URL	Download
WSCAD Universe 858-391	URL	Download
ZUKEN Portal 858-391	URL	Download

CAD data

2D/3D Models 858-391	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 858-391	URL	Download
Relay module; Nominal input voltage: 220 VDC; 4 changeover contacts; Limiting continuous current: 6 A; with manual operation; Red status indicator; Module width: 31 mm; 1,50 mm ² ; gray		

Installation Notes

Commoning



Removing a jumper via screwdriver.

Marking

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Marking using WMB Multi markers and group marker carriers.

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