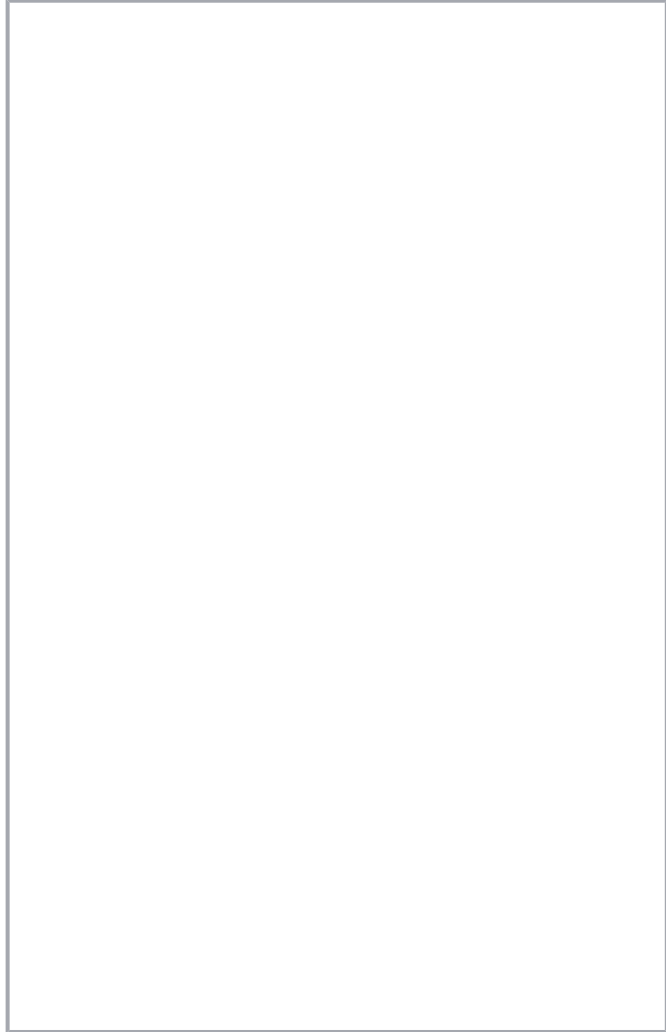


Data sheet | Item number: 858-508

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



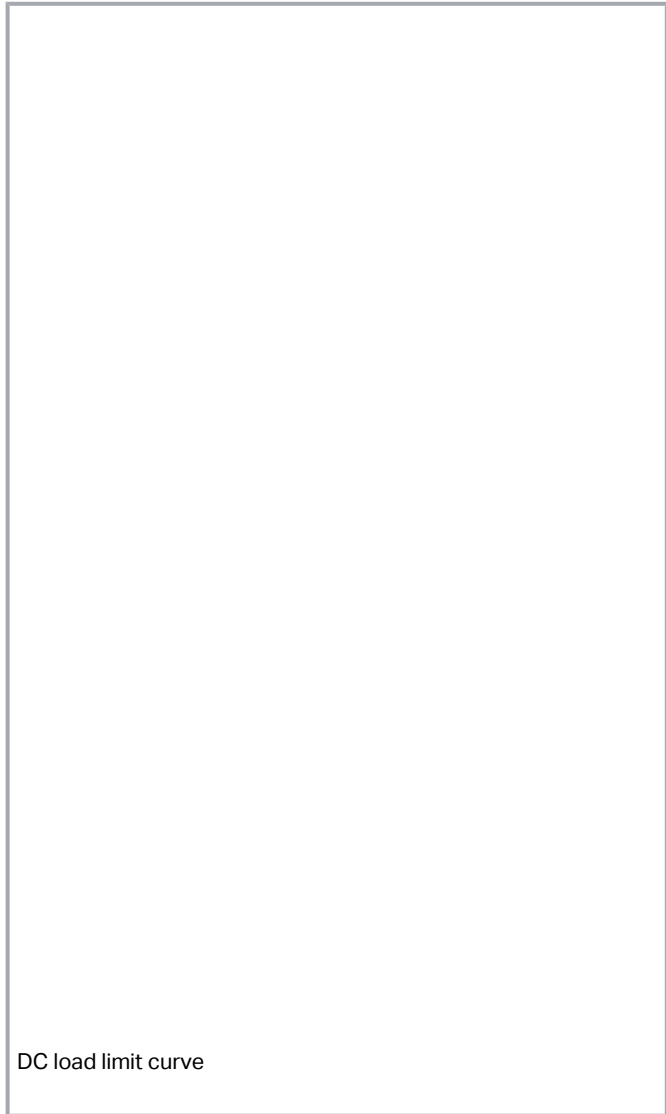
www.wago.com/858-508



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

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Data

Technical data

Control Circuit

Nominal input voltage U_N	AC 230 V
Input voltage range	-20 ... +10 %
Nominal input current at U_N	9 mA

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

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
Overvoltage category	II
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 (open contact)	Functional 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

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



Fine-stranded conductor	0.34 ... 1.5 mm ² / 22 ... 16 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inches
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 inches
Height	97 mm / 3.819 inches
Depth from upper-edge of DIN-rail	73 mm / 2.874 inches

Mechanical data

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

Material Data

Fire load	0.572 MJ
Weight	97.3 g

Environmental requirements

Ambient temperature (operation at U _N)	-25 ... +70 °C
Ambient temperature UL (operation at U _N)	-25 ... 50 °C
Ambient temperature (storage)	-40 ... +70 °C
Processing temperature	-25 ... +50 °C
Temperature range of connection cable	≥ (T _{ambient} + 25 K)
Relative humidity	5 ... 85 %
Operating altitude (max.)	2000 m

Standards and specifications

Standards/specifications	EN 61010-2-201 EN 61810-1 EN 61373 UL 508 (max. 50 °C) DNV
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Basic relay

WAGO Basic Relay	858-151
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Subject to changes. Please also observe the further product documentation!



Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 8.0	EC001437
ETIM 7.0	EC001437
Recupel Type	
PU (SPU)	5 (1) pcs
Packaging type	box
Country of origin	CN
GTIN	4055143568340
Customs tariff number	85364900990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122 /19

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	DNV DNV Germany GmbH	DNV-CG-0339, Aug. 2021	TAA00001D1
	PRS Polski Rejestr Statków	-	TE/2186 /880590/18

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Optional accessories

Jumpers

Jumper		
	Item no.: 858-402 Jumper; 2-way; insulated; light blue	www.wago.com/858-402

Basic Relay

Basic relay		
	Item no.: 858-151 Basic relay; Nominal input voltage: 230 VAC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Module width: 22 mm; Module height: 25 mm	www.wago.com/858-151

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

Indicators

Status indication		
	Item no.: 788-125 Accessories for relay modules; Operation status indicator: red	www.wago.com/788-125

Mounting

Socket without relay		
	Item no.: 858-110 Ejector; for basic relays 25 mm x 35 mm	www.wago.com/858-110

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

Filter Module

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

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



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; 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	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		

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

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

Downloads

Documentation

Bid Text

858-508 docx - Datei	2019 年2月20 日	docx 17.4 kB	Download
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858-508 X81 - Datei	2019 年2月19 日	xml 4.8 kB	Download
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Instruction Leaflet

Stecksocket für Elementarrelais	V 2.0.0 2022 年1月25 日	pdf 2.2 MB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	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

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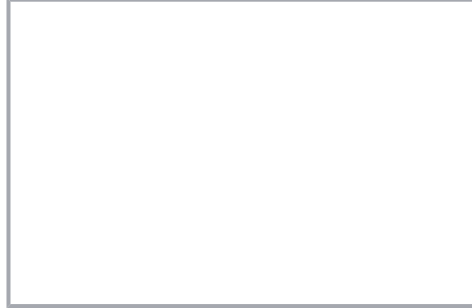
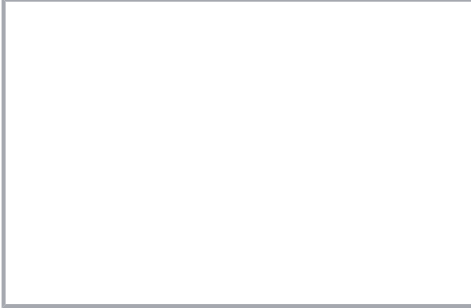
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Environmental Product Compliance 858-508

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

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!
