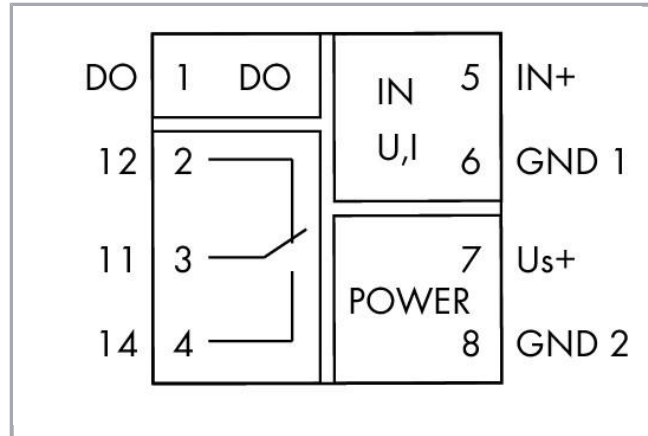
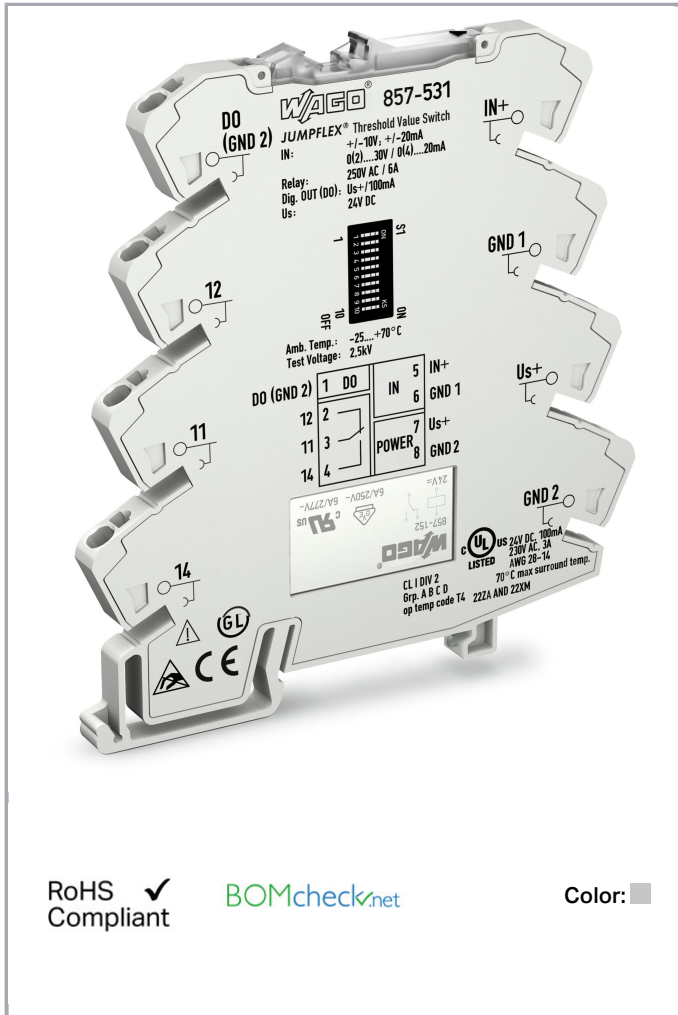


Data sheet | Item number: 857-531



Threshold value switches; Analog values; 1 changeover contact; Digital output; Configuration via software; Supply voltage: 24 VDC; 6 mm module width; 2,50 mm<sup>2</sup>; light gray

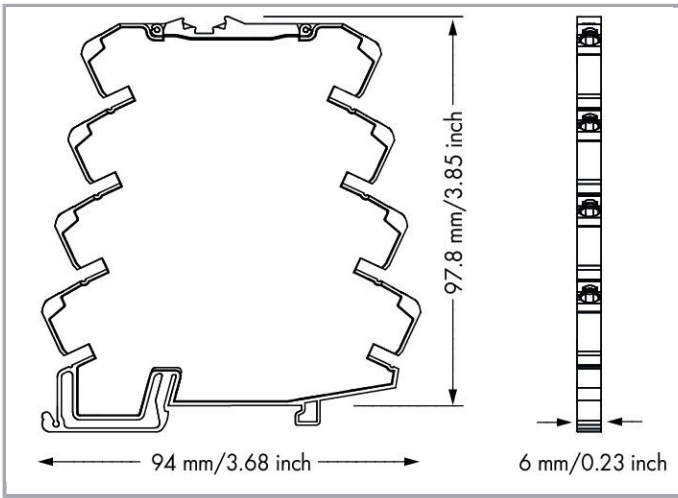
[www.wago.com/857-531](http://www.wago.com/857-531)



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.



DIP-Switch S1					DIP-Switch S1				
Input Signal Limits ±0.25 V; ±0.5 mA		Hysteresis			Configurable Rise/Fall Delay Time in sec.		Digital Output DO Signaling		
1	2	3	4	5	6	7	8	9	10
±10 V				5 mV; 10 µA		0		DO not active	
0 ... 10 V				10 mV; 20 µA		1		GND → U <sub>0</sub> (switching)	
2 ... 10 V						2		U <sub>0</sub> → GND (switching)	
0 ... 5 V						3			
1 ... 5 V						4			
±5 V						5			
0 ... 15 V						8			
0 ... 30 V						10			
±20 mA									
0 ... 20 mA									
4 ... 20 mA									
0 ... 10 mA									
2 ... 10 mA									
±10 mA									

## Item description

### Short description:

This threshold value switch for analog signals monitors standard analog signals and reports signals exceeding a preset threshold.

### Features:

- PC configuration interface
- Digital switching output
- Changeover contact relay output
- Calibrated measurement range switching
- Threshold value configuration via DIP switches and teach-in function via push/slide switch
- Safe 3-way isolation with 2.5 kV test voltage per EN 61140

### Note:

Additional setting options via interface configuration software/app

## Data

### Technical Data

### Configuration

Configuration options

DIP switch  
WAGO interface configuration software  
WAGO interface configuration app  
Push/slide switch

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

## Input

Input signal type	Voltage Electricity
Input signal voltage	$\pm 10$ V; 0 ... 30 V
Input signal, current	$\pm 20$ mA
Input resistance (input/current)	$\leq 200$ $\Omega$
Input resistance (input/voltage)	$\geq 100$ k $\Omega$
Max. input current	22 mA
Max. input voltage	31 V

## Output – Digital

Max. switching voltage (DO)	Supply voltage (applied)
Max. continuous current (DO)	100 mA (no internal restriction)
Number of switching thresholds (DO)	1 (adjustable)
Configurable rise/fall delay time (DO)	10 s

## Output – Relay

Number of changeover/switchover contacts	1
Max. switching voltage	AC 250 V
Limiting continuous current (relay; terminal block assembly)	6 A ( $\leq 60$ °C); 2 A (60 ... 70 °C)
Max. switching power (resistive)	AC 1250 VA
Drop-out time (typ.)	4 ms
Number of switching thresholds (relay)	1 or 2 (adjustable)
Configurable rise/fall delay time (relay)	0 ... 30 s (via software)

## Signal processing

Hysteresis	adjustable via DIP switch or software
Step response typ.	16 ms

## Measurement error

Transmission error typ.	$\leq 0.1$ % of upper-range value
Temperature coefficient	$\leq 0.01$ %/K

## Power supply

Type of power supply	24 VDC
Nominal supply voltage $U_S$	DC 24 V

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



Supply voltage range	±30 %
Current consumption at supply voltage	≤ 25 mA (+ I <sub>DO</sub> )

### Safety and protection:

Test voltage (input/output/supply)	AC 2,5 kV; 50 Hz; 1 min
Protection class	IP20

### Connection data

Connection technology	Push-in CAGE CLAMP®
Solid conductor	0,08 ... 2,5 mm <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor	0,34 ... 2,5 mm <sup>2</sup> / 22 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch

### Geometrical Data

Width	6 mm / 0.236 inch
Height from upper-edge of DIN-35 rail	97,8 mm / 3.85 inch
Depth	94 mm / 3.701 inch

### Mechanical data

Type of mounting	DIN-35 rail
------------------	-------------

### Material Data

Color	light gray
Weight	38.6 g

### Environmental Requirements

Surrounding air (operating) temperature	-25 ... 70 °C
Surrounding air (storage) temperature	-40 ... 85 °C

### Standards and specifications

Conformity marking	CE
EMC immunity to interference	EN 61000-6-2; EN 61131-2; EN 61326-1
EMC emission of interference	EN 61000-6-4; EN 61131-2; EN 61326-1
Standards/specifications	EN 61373

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

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## Commercial data





Product Group	6 (Interface Electronics)
Packaging type	bag
Country of origin	DE
GTIN	4045454885229
Customs Tariff No.	85437090300

## Approvals / Certificates

### Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>UL</b> UL International Germany GmbH (HAZARDOUS LOCATIONS)	ANSI/ISA 12.12.01	E198726 Sec.4

### Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>BV</b> Bureau Veritas S.A.	-	40179_A0
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAA00001D1
	<b>NK</b> Nippon Kaiji Kyokai	-	TA17255M
	<b>PRS</b> Polski Rejestr Statków	-	TE/2186 /880590/18

### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>UL</b> UL International Netherlands B.V. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.4

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















## Counterpart

## Compatible products

### Marking accessories

	<b>Item no.: 2009-110</b> Marking strips; on reel; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
	<b>Item no.: 2009-115</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>
	<b>Item no.: 2009-115/000-002</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a>
	<b>Item no.: 2009-115/000-006</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115/000-006">www.wago.com/2009-115/000-006</a>
	<b>Item no.: 2009-115/000-007</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a>
	<b>Item no.: 2009-115/000-012</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115/000-012">www.wago.com/2009-115/000-012</a>
	<b>Item no.: 2009-115/000-017</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a>
	<b>Item no.: 2009-115/000-023</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a>
	<b>Item no.: 2009-115/000-024</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a>

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

	<b>Item no.: 793-501</b> WMB marking card; as card; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/793-501">www.wago.com/793-501</a>
	<b>Item no.: 793-501/000-002</b> WMB marking card; as card; not stretchable; plain; snap-on type; yellow	<a href="http://www.wago.com/793-501/000-002">www.wago.com/793-501/000-002</a>
	<b>Item no.: 793-501/000-005</b> WMB marking card; as card; not stretchable; plain; snap-on type; red	<a href="http://www.wago.com/793-501/000-005">www.wago.com/793-501/000-005</a>
	<b>Item no.: 793-501/000-006</b> WMB marking card; as card; not stretchable; plain; snap-on type; blue	<a href="http://www.wago.com/793-501/000-006">www.wago.com/793-501/000-006</a>
	<b>Item no.: 793-501/000-007</b> WMB marking card; as card; not stretchable; plain; snap-on type; gray	<a href="http://www.wago.com/793-501/000-007">www.wago.com/793-501/000-007</a>
	<b>Item no.: 793-501/000-012</b> WMB marking card; as card; not stretchable; plain; snap-on type; orange	<a href="http://www.wago.com/793-501/000-012">www.wago.com/793-501/000-012</a>
	<b>Item no.: 793-501/000-017</b> WMB marking card; as card; not stretchable; plain; snap-on type; light green	<a href="http://www.wago.com/793-501/000-017">www.wago.com/793-501/000-017</a>
	<b>Item no.: 793-501/000-023</b> WMB marking card; as card; not stretchable; plain; snap-on type; green	<a href="http://www.wago.com/793-501/000-023">www.wago.com/793-501/000-023</a>
	<b>Item no.: 793-501/000-024</b> WMB marking card; as card; not stretchable; plain; snap-on type; violet	<a href="http://www.wago.com/793-501/000-024">www.wago.com/793-501/000-024</a>
	<b>Item no.: 793-502</b> WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/793-502">www.wago.com/793-502</a>
	<b>Item no.: 793-502/000-002</b> WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; yellow	<a href="http://www.wago.com/793-502/000-002">www.wago.com/793-502/000-002</a>
	<b>Item no.: 793-502/000-005</b> WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; red	<a href="http://www.wago.com/793-502/000-005">www.wago.com/793-502/000-005</a>
	<b>Item no.: 793-502/000-006</b> WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; blue	<a href="http://www.wago.com/793-502/000-006">www.wago.com/793-502/000-006</a>

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

**Item no.: 793-502/000-007**

WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; gray

[www.wago.com/793-502/000-007](http://www.wago.com/793-502/000-007)**Item no.: 793-502/000-012**

WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; orange

[www.wago.com/793-502/000-012](http://www.wago.com/793-502/000-012)**Item no.: 793-502/000-017**

WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; light green

[www.wago.com/793-502/000-017](http://www.wago.com/793-502/000-017)**Item no.: 793-502/000-023**

WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; green

[www.wago.com/793-502/000-023](http://www.wago.com/793-502/000-023)**Item no.: 793-502/000-024**

WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; violet

[www.wago.com/793-502/000-024](http://www.wago.com/793-502/000-024)**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](http://www.wago.com/793-503)**Item no.: 793-503/000-002**

WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; yellow

[www.wago.com/793-503/000-002](http://www.wago.com/793-503/000-002)**Item no.: 793-503/000-005**

WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; red

[www.wago.com/793-503/000-005](http://www.wago.com/793-503/000-005)**Item no.: 793-503/000-006**

WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; blue

[www.wago.com/793-503/000-006](http://www.wago.com/793-503/000-006)**Item no.: 793-503/000-007**

WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; gray

[www.wago.com/793-503/000-007](http://www.wago.com/793-503/000-007)**Item no.: 793-503/000-012**

WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; orange

[www.wago.com/793-503/000-012](http://www.wago.com/793-503/000-012)**Item no.: 793-503/000-017**

WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; light green

[www.wago.com/793-503/000-017](http://www.wago.com/793-503/000-017)**Item no.: 793-503/000-023**

WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; green

[www.wago.com/793-503/000-023](http://www.wago.com/793-503/000-023)**Item no.: 793-503/000-024**

WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type;

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violet

[www.wago.com/793-503/000-024](http://www.wago.com/793-503/000-024)

	<b>Item no.: 793-504</b> WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/793-504">www.wago.com/793-504</a>
	<b>Item no.: 793-504/000-002</b> WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; yellow	<a href="http://www.wago.com/793-504/000-002">www.wago.com/793-504/000-002</a>
	<b>Item no.: 793-504/000-005</b> WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; red	<a href="http://www.wago.com/793-504/000-005">www.wago.com/793-504/000-005</a>
	<b>Item no.: 793-504/000-006</b> WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; blue	<a href="http://www.wago.com/793-504/000-006">www.wago.com/793-504/000-006</a>
	<b>Item no.: 793-504/000-012</b> WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; orange	<a href="http://www.wago.com/793-504/000-012">www.wago.com/793-504/000-012</a>
	<b>Item no.: 793-504/000-017</b> WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; light green	<a href="http://www.wago.com/793-504/000-017">www.wago.com/793-504/000-017</a>
	<b>Item no.: 793-504/000-023</b> WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; green	<a href="http://www.wago.com/793-504/000-023">www.wago.com/793-504/000-023</a>
	<b>Item no.: 793-505</b> WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/793-505">www.wago.com/793-505</a>
	<b>Item no.: 793-505/000-005</b> WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; red	<a href="http://www.wago.com/793-505/000-005">www.wago.com/793-505/000-005</a>
	<b>Item no.: 793-505/000-006</b> WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; blue	<a href="http://www.wago.com/793-505/000-006">www.wago.com/793-505/000-006</a>
	<b>Item no.: 793-505/000-007</b> WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; gray	<a href="http://www.wago.com/793-505/000-007">www.wago.com/793-505/000-007</a>
	<b>Item no.: 793-505/000-012</b> WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; orange	<a href="http://www.wago.com/793-505/000-012">www.wago.com/793-505/000-012</a>
	<b>Item no.: 793-506</b> WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type;	<a href="http://www.wago.com/793-506">www.wago.com/793-506</a>

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



white

**Item no.: 793-506/000-005**

WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; red

[www.wago.com/793-506/000-005](http://www.wago.com/793-506/000-005)**Item no.: 793-506/000-006**

WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; blue

[www.wago.com/793-506/000-006](http://www.wago.com/793-506/000-006)**Item no.: 793-506/000-012**

WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; orange

[www.wago.com/793-506/000-012](http://www.wago.com/793-506/000-012)**Item no.: 793-506/000-017**

WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; light green

[www.wago.com/793-506/000-017](http://www.wago.com/793-506/000-017)**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](http://www.wago.com/793-5501)**Item no.: 793-5501/000-002**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

[www.wago.com/793-5501/000-002](http://www.wago.com/793-5501/000-002)**Item no.: 793-5501/000-005**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red

[www.wago.com/793-5501/000-005](http://www.wago.com/793-5501/000-005)**Item no.: 793-5501/000-006**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue

[www.wago.com/793-5501/000-006](http://www.wago.com/793-5501/000-006)**Item no.: 793-5501/000-007**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray

[www.wago.com/793-5501/000-007](http://www.wago.com/793-5501/000-007)**Item no.: 793-5501/000-012**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange

[www.wago.com/793-5501/000-012](http://www.wago.com/793-5501/000-012)**Item no.: 793-5501/000-014**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown

[www.wago.com/793-5501/000-014](http://www.wago.com/793-5501/000-014)**Item no.: 793-5501/000-017**















WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green

[www.wago.com/793-5501/000-017](http://www.wago.com/793-5501/000-017)**Item no.: 793-5501/000-023**












WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green

[www.wago.com/793-5501/000-023](http://www.wago.com/793-5501/000-023)

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

	<b>Item no.: 793-5501/000-024</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/793-5501/000-024">www.wago.com/793-5501/000-024</a>
	<b>Item no.: 793-566</b> WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/793-566">www.wago.com/793-566</a>
	<b>Item no.: 793-566/000-002</b> WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; yellow	<a href="http://www.wago.com/793-566/000-002">www.wago.com/793-566/000-002</a>
	<b>Item no.: 793-566/000-005</b> WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; red	<a href="http://www.wago.com/793-566/000-005">www.wago.com/793-566/000-005</a>
	<b>Item no.: 793-566/000-006</b> WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; blue	<a href="http://www.wago.com/793-566/000-006">www.wago.com/793-566/000-006</a>
	<b>Item no.: 793-566/000-007</b> WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; gray	<a href="http://www.wago.com/793-566/000-007">www.wago.com/793-566/000-007</a>
	<b>Item no.: 793-566/000-012</b> WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; orange	<a href="http://www.wago.com/793-566/000-012">www.wago.com/793-566/000-012</a>
	<b>Item no.: 793-566/000-017</b> WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; light green	<a href="http://www.wago.com/793-566/000-017">www.wago.com/793-566/000-017</a>
	<b>Item no.: 793-566/000-023</b> WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; green	<a href="http://www.wago.com/793-566/000-023">www.wago.com/793-566/000-023</a>
	<b>Item no.: 793-566/000-024</b> WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; violet	<a href="http://www.wago.com/793-566/000-024">www.wago.com/793-566/000-024</a>
<b>Jumper</b>		
	<b>Item no.: 281-482</b> Comb-style jumper bar; insulated; 2-way; IN = IN terminal block; gray	<a href="http://www.wago.com/281-482">www.wago.com/281-482</a>
	<b>Item no.: 859-402</b> Push-in type jumper bar; 2-way; Nominal current 18 A; insulated; light gray	<a href="http://www.wago.com/859-402">www.wago.com/859-402</a>
	<b>Item no.: 859-402/000-005</b> Push-in type jumper bar; 2-way; Nominal current 18 A; insulated; red	<a href="http://www.wago.com/859-402/000-005">www.wago.com/859-402/000-005</a>
	<b>Item no.: 859-402/000-006</b> Push-in type jumper bar; 2-way; Nominal current 18 A; insulated; blue	<a href="http://www.wago.com/859-402/000-006">www.wago.com/859-402/000-006</a>

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

	<p><b>Item no.: 859-402/000-029</b> Push-in type jumper bar; 2-way; Nominal current 18 A; insulated; yellow</p>	<a href="http://www.wago.com/859-402/000-029">www.wago.com/859-402/000-029</a>
	<p><b>Item no.: 859-403</b> Push-in type jumper bar; 3-way; Nominal current 18 A; insulated; light gray</p>	<a href="http://www.wago.com/859-403">www.wago.com/859-403</a>
	<p><b>Item no.: 859-403/000-005</b> Push-in type jumper bar; 3-way; Nominal current 18 A; insulated; red</p>	<a href="http://www.wago.com/859-403/000-005">www.wago.com/859-403/000-005</a>
	<p><b>Item no.: 859-403/000-006</b> Push-in type jumper bar; 3-way; Nominal current 18 A; insulated; blue</p>	<a href="http://www.wago.com/859-403/000-006">www.wago.com/859-403/000-006</a>
	<p><b>Item no.: 859-403/000-029</b> Push-in type jumper bar; 3-way; Nominal current 18 A; insulated; yellow</p>	<a href="http://www.wago.com/859-403/000-029">www.wago.com/859-403/000-029</a>
	<p><b>Item no.: 859-404</b> Push-in type jumper bar; 4-way; Nominal current 18 A; insulated; light gray</p>	<a href="http://www.wago.com/859-404">www.wago.com/859-404</a>
	<p><b>Item no.: 859-404/000-005</b> Push-in type jumper bar; 4-way; Nominal current 18 A; insulated; red</p>	<a href="http://www.wago.com/859-404/000-005">www.wago.com/859-404/000-005</a>
	<p><b>Item no.: 859-404/000-006</b> Push-in type jumper bar; 4-way; Nominal current 18 A; insulated; blue</p>	<a href="http://www.wago.com/859-404/000-006">www.wago.com/859-404/000-006</a>
	<p><b>Item no.: 859-404/000-029</b> Push-in type jumper bar; 4-way; Nominal current 18 A; insulated; yellow</p>	<a href="http://www.wago.com/859-404/000-029">www.wago.com/859-404/000-029</a>
	<p><b>Item no.: 859-405</b> Push-in type jumper bar; 5-way; Nominal current 18 A; insulated; light gray</p>	<a href="http://www.wago.com/859-405">www.wago.com/859-405</a>
	<p><b>Item no.: 859-405/000-005</b> Push-in type jumper bar; 5-way; Nominal current 18 A; insulated; red</p>	<a href="http://www.wago.com/859-405/000-005">www.wago.com/859-405/000-005</a>
	<p><b>Item no.: 859-405/000-006</b> Push-in type jumper bar; 5-way; Nominal current 18 A; insulated; blue</p>	<a href="http://www.wago.com/859-405/000-006">www.wago.com/859-405/000-006</a>
	<p><b>Item no.: 859-405/000-029</b> Push-in type jumper bar; 5-way; Nominal current 18 A; insulated; yellow</p>	<a href="http://www.wago.com/859-405/000-029">www.wago.com/859-405/000-029</a>
	<p><b>Item no.: 859-406</b> Push-in type jumper bar; 6-way; Nominal current 18 A; insulated; light gray</p>	<a href="http://www.wago.com/859-406">www.wago.com/859-406</a>

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



**Item no.: 859-406/000-005**  
Push-in type jumper bar; 6-way; Nominal current 18 A; insulated; red

[www.wago.com/859-406/000-005](http://www.wago.com/859-406/000-005)



**Item no.: 859-406/000-006**  
Push-in type jumper bar; 6-way; Nominal current 18 A; insulated; blue

[www.wago.com/859-406/000-006](http://www.wago.com/859-406/000-006)



**Item no.: 859-406/000-029**  
Push-in type jumper bar; 6-way; Nominal current 18 A; insulated; yellow

[www.wago.com/859-406/000-029](http://www.wago.com/859-406/000-029)



**Item no.: 859-407**  
Push-in type jumper bar; 7-way; Nominal current 18 A; insulated; light gray

[www.wago.com/859-407](http://www.wago.com/859-407)

**Item no.: 859-407/000-005**  
Push-in type jumper bar; 7-way; Nominal current 18 A; insulated; red

[www.wago.com/859-407/000-005](http://www.wago.com/859-407/000-005)

**Item no.: 859-407/000-006**  
Push-in type jumper bar; 7-way; Nominal current 18 A; insulated; blue

[www.wago.com/859-407/000-006](http://www.wago.com/859-407/000-006)



**Item no.: 859-407/000-029**  
Push-in type jumper bar; 7-way; Nominal current 18 A; insulated; yellow

[www.wago.com/859-407/000-029](http://www.wago.com/859-407/000-029)

**Item no.: 859-408**  
Push-in type jumper bar; 8-way; Nominal current 18 A; insulated; light gray

[www.wago.com/859-408](http://www.wago.com/859-408)



**Item no.: 859-408/000-005**  
Push-in type jumper bar; 8-way; Nominal current 18 A; insulated; red

[www.wago.com/859-408/000-005](http://www.wago.com/859-408/000-005)

**Item no.: 859-408/000-006**  
Push-in type jumper bar; 8-way; Nominal current 18 A; insulated; blue

[www.wago.com/859-408/000-006](http://www.wago.com/859-408/000-006)



**Item no.: 859-408/000-029**  
Push-in type jumper bar; 8-way; Nominal current 18 A; insulated; yellow

[www.wago.com/859-408/000-029](http://www.wago.com/859-408/000-029)



**Item no.: 859-409**  
Push-in type jumper bar; 9-way; Nominal current 18 A; insulated; light gray

[www.wago.com/859-409](http://www.wago.com/859-409)



**Item no.: 859-409/000-005**  
Push-in type jumper bar; 9-way; Nominal current 18 A; insulated; red

[www.wago.com/859-409/000-005](http://www.wago.com/859-409/000-005)



**Item no.: 859-409/000-006**  
Push-in type jumper bar; 9-way; Nominal current 18 A; insulated; blue

[www.wago.com/859-409/000-006](http://www.wago.com/859-409/000-006)

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



**Item no.: 859-409/000-029**  
Push-in type jumper bar; 9-way; Nominal current 18 A; insulated; yellow

[www.wago.com/859-409/000-029](http://www.wago.com/859-409/000-029)



**Item no.: 859-410**  
Push-in type jumper bar; 10-way; Nominal current 18 A; insulated; light gray

[www.wago.com/859-410](http://www.wago.com/859-410)

**Item no.: 859-410/000-005**  
Push-in type jumper bar; 10-way; Nominal current 18 A; insulated; red

[www.wago.com/859-410/000-005](http://www.wago.com/859-410/000-005)

**Item no.: 859-410/000-006**  
Push-in type jumper bar; 10-way; Nominal current 18 A; insulated; blue

[www.wago.com/859-410/000-006](http://www.wago.com/859-410/000-006)

**Item no.: 859-410/000-029**  
Push-in type jumper bar; 10-way; Nominal current 18 A; insulated; yellow

[www.wago.com/859-410/000-029](http://www.wago.com/859-410/000-029)

#### transfer module



**Item no.: 857-980**  
Interface adapter; 16-pole; analog

[www.wago.com/857-980](http://www.wago.com/857-980)

#### power supply



**Item no.: 787-2852**  
Switched-mode power supply; for JUMPFLEX® Signal Conditioners; 1-phase; 24 VDC output voltage; 1 A output current; -

[www.wago.com/787-2852](http://www.wago.com/787-2852)

#### assembling

**Item no.: 249-116**  
Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

[www.wago.com/249-116](http://www.wago.com/249-116)

**Item no.: 249-117**  
Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

[www.wago.com/249-117](http://www.wago.com/249-117)

**Item no.: 249-197**  
Screwless end stop; 14 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

[www.wago.com/249-197](http://www.wago.com/249-197)

#### General accessories

**Item no.: 750-921**  
Bluetooth® Adapter; light gray

[www.wago.com/750-921](http://www.wago.com/750-921)

**Item no.: 750-923**  
Configuration cable; USB connector; Length: 2.5 m; black

[www.wago.com/750-923](http://www.wago.com/750-923)

**Item no.: 750-923/000-001**  
Configuration cable; USB connector; Length: 5 m

[www.wago.com/750-923/000-001](http://www.wago.com/750-923/000-001)

**Item no.: 857-304**  
Relay module; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Yellow status indicator; Module width: 6 mm; 2,50 mm<sup>2</sup>; gray

[www.wago.com/857-304](http://www.wago.com/857-304)

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



Item no.: 857-979

Supply and through module; 2,50 mm<sup>2</sup>

[www.wago.com/857-979](http://www.wago.com/857-979)

tools

Item no.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft

[www.wago.com/210-720](http://www.wago.com/210-720)

Downloads

Documentation

Instruction Leaflet

Messumformer und Trennverstärker Grenzwertschalter DIP-Schalter, "Teach-In" -Schalter / FDT/DTM Software		pdf 4.9 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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Step Datei Serie 857-05xx	1.0 Jun 20, 2011	ifc 348.4 kB	Download
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Engineering-Software

Software for Interface-Products

WAGO Interface Configuration Software FULL The full setup, in addition to the WAGO Interface Configuration Software, includes the installation for the Microsoft .NET Framework.	1.6.3.7 Sep 17, 2019	exe 98.5 MB	Download
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WAGO Interface Configuration Software SMALL The full setup only includes the WAGO Interface Configuration Software.	1.6.3.7 Sep 17, 2019	exe 48.0 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 857-531		URL	Download
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CAE data

EPLAN Data Portal 857-531		URL	Download
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WSCAD Universe 857-531

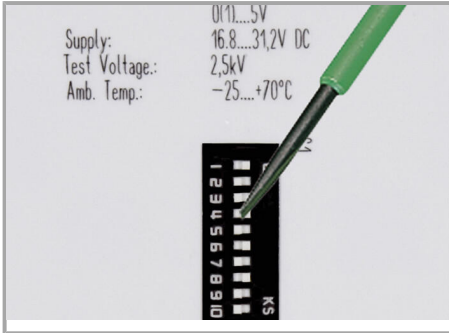
Subject to changes. Please also observe the further product documentation!

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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.

## Installation Notes

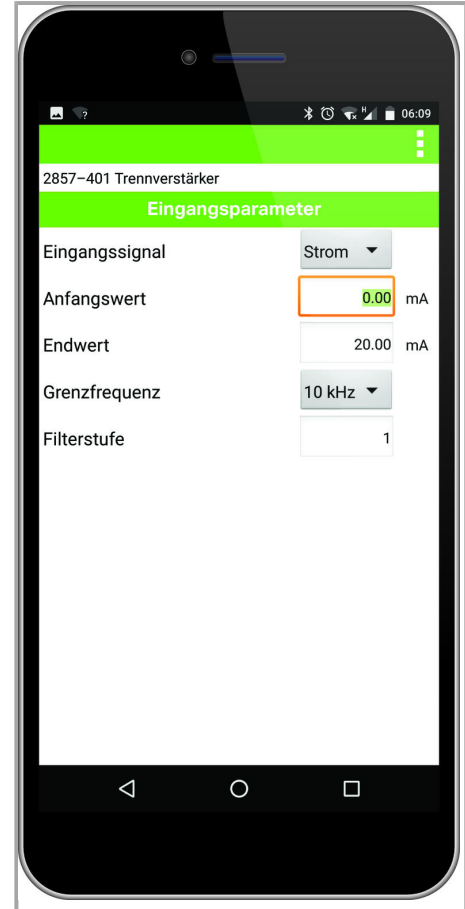
### Configuring



Configuration via DIP switches



Configuration via WAGO interface configuration software



Configuration via WAGO interface configuration app

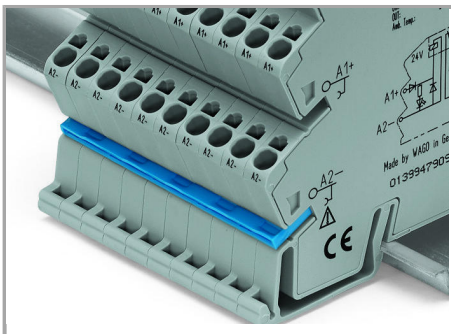
Subject to changes. Please also observe the further product documentation!





Configuration via push/slide switch

### Commoning



Commoning, not discrete wiring – same outline allows the use of a single in-line, push-in jumper

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