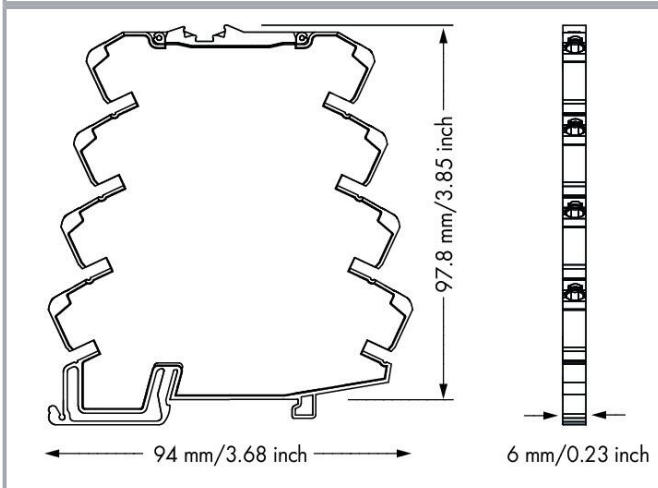
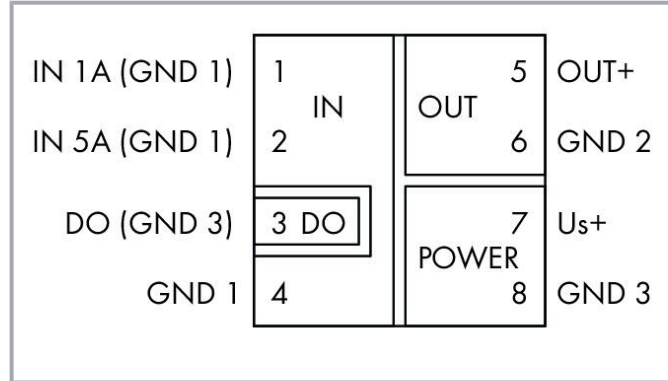
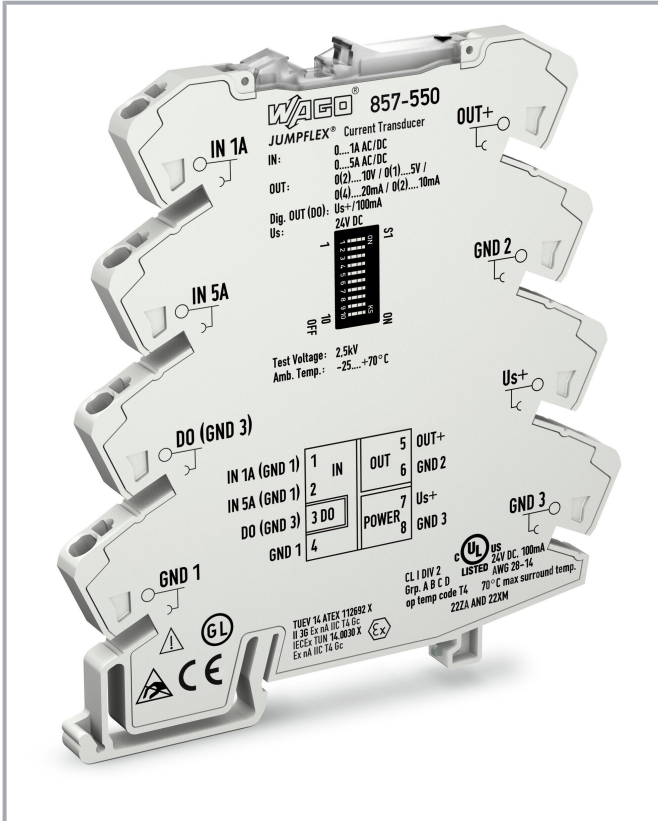


Data sheet | Item number: 857-550

Current signal conditioner; Current input signal; Current and voltage output signal; Digital output; Configuration via software; Supply voltage: 24 VDC; 6 mm module width; 2,50 mm<sup>2</sup>



[www.wago.com/857-550](http://www.wago.com/857-550)



857-550  
DIP Switch Adjustability

ON  Default

Input Signal		Measurement Method	Filter	Output Signal	
1	2	3	4	5	6
5 A	Mean square value	off			0...20 mA
• 1 A	• Arithmetic mean value	• active	•	•	4...20 mA
			•	•	0...10 V
			•	•	2...10 V
			•	•	0...10 mA
			•	•	2...10 mA
			•	•	0...5 V
			•	•	1...5 V

Filter:  
The filter function allows a low-pass filter to be switched on in order to mask or "smooth out" oscillating measured values (e.g. during trailing edge flow).

7	8	Measurement Range Underflow	Measurement Range Overflow	Overcurrent (Input Signal - End Value + 20%)	9	10	Digit Output DO Signaling
		-5 %*	+2.5 %*	+5 %*			DO not active
•	•	Lower limit of measurement range	Upper limit of measurement range	Upper limit of measurement range	•	•	DO U <sub>i</sub> + switching
•	•	Lower limit of measurement range	Upper limit of measurement range	Lower limit of measurement range	•	•	DO GND switching
•	•	Lower limit of measurement range	Upper limit of measurement range	Upper limit of measurement range			*acc. to NAMUR NE 43

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

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## Item description

### Short description:

WAGO's current signal conditioner measures both 0–1 A and 0–5 A AC/DC currents, converting the input signal to an standard analog signal at the output.

### Features:

- PC configuration interface
- True RMS measurement or arithmetic mean value
- Digital switching output (configurable switching thresholds)
- Switchable filter function
- Calibrated measurement range switching
- 3-way electrical isolation with 2.5 kV test voltage
- Extremely fast response times
- Measurement range overflow indication

## Data

### Notes

Note	Additional setting options via WAGO Interface Configuration Software or WAGO Interface Configuration App
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## Technical data

### Configuration

Configuration options	DIP switch WAGO Interface Configuration Software WAGO Interface Configuration App
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### Input

Input signal type	Current
Input signal (current)	AC/DC 0 ... 1 A (IN 1); AC/DC 0 ... 5 A (IN 2)
Frequency range	16 ... 400 Hz
Input resistance (current input)	47 mΩ (IN 1); 10 mΩ (IN 2)
Input current (max.)	10 A (IN 1; 5 s); 15 A (IN 2; 5 s)
Response threshold	2 mA (IN 1); 4 mA (IN 2)

### Output (analog)

Output signal type	Current
--------------------	---------

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



	Voltage
Output signal (voltage)	0 ... 5 V; 1 ... 5 V; 0 ... 10 V; 2 ... 10 V
Output signal (current)	0 ... 10 mA; 2 ... 10 mA; 0 ... 20 mA; 4 ... 20 mA
Load impedance (voltage output)	$\geq 2 \text{ k}\Omega$ (Temperature range restrictions may occur.)
Load impedance (current output)	$\leq 600 \Omega$ Temperature range restrictions may occur.

### Output (digital)

Switching voltage (DO) max.	Supply voltage applied
Continuous current (DO) max.	100 mA (no internal restriction)
Number of switching thresholds (DO)	1 (adjustable)

### Signal Processing

Measurement method	True RMS measurement; Arithmetic mean value
Software filter (adjustable)	Moving average value (filter level: 30)
Step response (typ.)	60 ms

### Measurement Error

Transmission error (typ.)	$\leq 0.1 \%$ of upper-range value
Transmission error (max.)	$\leq 0.4 \%$ of upper-range value
Temperature coefficient	$\leq 0.01 \%/K$

### Supply

Power supply type	24 VDC
Nominal supply voltage $U_S$	DC 24 V
Supply voltage range	$\pm 30 \%$
Current consumption at nominal supply voltage	$\leq 40 \text{ mA} (+ I_{DO})$

### Safety and protection

Protection type	IP20
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### Test voltage

Test voltage (input/output/supply)	AC 2.5 kV; 50 Hz; 1 min
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### Connection data

Connection technology

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



	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 inches

### Physical data

Width	6 mm / 0.236 inches
Height	94 mm / 3.701 inches
Depth from upper-edge of DIN-rail	97.8 mm / 3.85 inches

### Mechanical Data

Mounting type	DIN-35 rail
---------------	-------------

### Material Data

Fire load	0.418 MJ
Weight	64 g

### Environmental requirements

Ambient temperature (operation)	-25 ... +70 °C (at nominal current)
Ambient temperature (storage)	-40 ... +85 °C
Relative humidity	5 ... 95 % (no condensation permissible)
Operating altitude (max.)	2000 m

### Standards and specifications

Conformity marking	CE
EMC immunity to interference	EN 61000-6-2
EMC emission of interference	EN 61000-6-4
Standards/specifications	EN 50121-3-2 DNV

### Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-21-01-23
eCl@ss 9.0	27-21-01-23
ETIM 8.0	EC002475
ETIM 7.0	EC002475

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


PU (SPU)	1 pcs
Packaging type	bag
Country of origin	DE
GTIN	4050821226734
Customs tariff number	85437090300

## Environmental Product Compliance

CAS-No.	7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	50f64a02-d6d3-4adb-a7b9-f815da2344ad
SCIP notification number (Belgium)	0e04df68-4c33-4c78-ade6-82bf60716e8f
SCIP notification number (Bulgaria)	d1dc9f2a-4544-48c8-8c42-717ec18dc517
SCIP notification number (Czech Republic)	1a2ce406-9928-4d64-aeb5-27a0e58a61ff
SCIP notification number (Denmark)	4e1a4190-497b-4457-98c6-445a2a2407aa
SCIP notification number (Finland)	10e56fdb-95fd-4317-8b19-0eec048887fc
SCIP notification number (France)	0152e5b3-4bb3-407b-962c-95da92c8f591
SCIP notification number (Germany)	7d05eaec-2f49-4372-825c-639900cb0cfa
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SCIP notification number (Netherlands)	4c0930d7-0757-44b2-a2ac-a852f21c8101
SCIP notification number (Poland)	e163f598-e916-448a-8e77-616fb920165c
SCIP notification number (Romania)	c1c27efe-e372-4fb2-b5a4-5eac757ec01f
SCIP notification number (Sweden)	6a471be4-9d63-4d9d-9da5-8ddf090e997c

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCC CNEX	CNCA-C23-01	2020312310000210 (Ex ec IIC T4 Gc)
	EAC	TP TC 020/2011	EAC_Certificate_RU_C-

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

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Brjansker Zertifizierungsstelle

DE.AM02.B.00115\_19

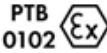


## Declarations of conformity and manufacturer's declarations

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

## Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	BV Bureau Veritas S.A.	Rules for class. of Steel Ships	40179_BO
	DNV DNV Germany GmbH	DNV-CG-0339, Aug. 2021	TAA00001D1
	PRS Polski Rejestr Statków	-	TE/2186 /880590/18

## Approvals for hazardous areas

Logo	Approval	Additional Approval Text	Certificate name
	ATEX TUEV Nord Cert GmbH	EN 60079-0	TÜV_14_ATEX_112692_X (II 3 G Ex nA IIC T4 Gc)
	CCC CNEX	CNCA-C23-01	2020312310000210 (Ex ec IIC T4 Gc)
	EAC Brjansker Zertifizierungsstelle	TP TC 012/2011	EAC RU C-DE.AM02.B. 00144/19 (2 Ex nA IIC T4 Gc X)
	IECEX	IEC 60079-0	IECEX_TUN_14.0030_X

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TUEV Nord Cert GmbH



UKEx  
WAGO GmbH & Co. KG

EN 60079-0

WAGO22UKEX004X



UL  
Underwriters Laboratories Inc. (HAZARDOUS  
LOCATIONS)


ANSI/ISA 12.12.01

E198726

## Optional accessories


### Relay module

Relay module


	<p><b>Item no.: 857-304</b> 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</p>	<a href="http://www.wago.com/857-304">www.wago.com/857-304</a>
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### Marking accessories


Marking strip


	<p><b>Item no.: 2009-110</b> Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white</p>	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
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Marker


	<p><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</p>	<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>
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	<p><b>Item no.: 793-501</b> WMB marking card; as card; not stretchable; plain; snap-on type; white</p>	<a href="http://www.wago.com/793-501">www.wago.com/793-501</a>
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	<p><b>Item no.: 793-502</b> WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white</p>	<a href="http://www.wago.com/793-502">www.wago.com/793-502</a>
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	<p><b>Item no.: 793-503</b> WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white</p>	<a href="http://www.wago.com/793-503">www.wago.com/793-503</a>
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	<p><b>Item no.: 793-504</b> WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white</p>	<a href="http://www.wago.com/793-504">www.wago.com/793-504</a>
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	<p><b>Item no.: 793-505</b> WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white</p>	<a href="http://www.wago.com/793-505">www.wago.com/793-505</a>
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	<b>Item no.: 793-506</b> WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/793-506">www.wago.com/793-506</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.: 793-5501</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a>

**Cables and pluggable connectors**

Communication cable

	<b>Item no.: 750-923/000-001</b> Configuration cable; USB connector; Length: 5 m	<a href="http://www.wago.com/750-923/000-001">www.wago.com/750-923/000-001</a>
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**Terminal blocks**

Supply module

	<b>Item no.: 857-979</b> Supply and through module	<a href="http://www.wago.com/857-979">www.wago.com/857-979</a>
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**Current transformers**












Split-core current transformer

	<b>Item no.: 855-4101/200-001</b> Split-core current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m	<a href="http://www.wago.com/855-4101/200-001">www.wago.com/855-4101/200-001</a>
	<b>Item no.: 855-4101/250-001</b> Split-core current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m	<a href="http://www.wago.com/855-4101/250-001">www.wago.com/855-4101/250-001</a>
	<b>Item no.: 855-4101/400-001</b> Split-core current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m	<a href="http://www.wago.com/855-4101/400-001">www.wago.com/855-4101/400-001</a>
	<b>Item no.: 855-4105/250-101</b> Split-core current transformer; Primary rated current: 250 A; Secondary rated current: 5 A; Rated power: 1 VA; Accuracy class: 1; Cable length: 0.5 m	<a href="http://www.wago.com/855-4105/250-101">www.wago.com/855-4105/250-101</a>
	<b>Item no.: 855-4105/400-101</b> Split-core current transformer; Primary rated current: 400 A; Secondary rated current: 5 A; Rated power: 1 VA; Accuracy class: 1; Cable length: 0.5 m	<a href="http://www.wago.com/855-4105/400-101">www.wago.com/855-4105/400-101</a>
	<b>Item no.: 855-5001/1000-000</b> Split-core current transformer; Primary rated current: 1000 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 5 m	<a href="http://www.wago.com/855-5001/1000-000">www.wago.com/855-5001/1000-000</a>













**Item no.: 855-5001/250-001**

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



	Split-core current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 1; Cable length: 5 m	<a href="http://www.wago.com/855-5001/250-001">www.wago.com/855-5001/250-001</a>
	<b>Item no.: 855-5001/400-000</b> Split-core current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 5 m	<a href="http://www.wago.com/855-5001/400-000">www.wago.com/855-5001/400-000</a>
	<b>Item no.: 855-3001/200-001</b> Split-core current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m	<a href="http://www.wago.com/855-3001/200-001">www.wago.com/855-3001/200-001</a>
	<b>Item no.: 855-3001/250-001</b> Split-core current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m	<a href="http://www.wago.com/855-3001/250-001">www.wago.com/855-3001/250-001</a>
	<b>Item no.: 855-3001/060-003</b> Split-core current transformer; Primary rated current: 60 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 3; Cable length: 3 m	<a href="http://www.wago.com/855-3001/060-003">www.wago.com/855-3001/060-003</a>
	<b>Item no.: 855-5001/600-000</b> Split-core current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 5 m	<a href="http://www.wago.com/855-5001/600-000">www.wago.com/855-5001/600-000</a>
	<b>Item no.: 855-5005/1000-000</b> Split-core current transformer; Primary rated current: 1000 A; Secondary rated current: 5 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 3 m	<a href="http://www.wago.com/855-5005/1000-000">www.wago.com/855-5005/1000-000</a>
	<b>Item no.: 855-5005/400-001</b> Split-core current transformer; Primary rated current: 400 A; Secondary rated current: 5 A; Rated power: 0.5 VA; Accuracy class: 1; Cable length: 3 m	<a href="http://www.wago.com/855-5005/400-001">www.wago.com/855-5005/400-001</a>
	<b>Item no.: 855-5005/600-000</b> Split-core current transformer; Primary rated current: 600 A; Secondary rated current: 5 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 3 m	<a href="http://www.wago.com/855-5005/600-000">www.wago.com/855-5005/600-000</a>
	<b>Item no.: 855-5105/1000-000</b> Split-core current transformer; Primary rated current: 1000 A; Secondary rated current: 5 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 3 m	<a href="http://www.wago.com/855-5105/1000-000">www.wago.com/855-5105/1000-000</a>
	<b>Item no.: 855-5101/1000-000</b> Split-core current transformer; Primary rated current: 1000 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 5 m	<a href="http://www.wago.com/855-5101/1000-000">www.wago.com/855-5101/1000-000</a>
	<b>Item no.: 855-4001/100-001</b>	

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

	Split-core current transformer; Primary rated current: 100 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m	<a href="http://www.wago.com/855-4001/100-001">www.wago.com/855-4001/100-001</a>
	<b>Item no.: 855-4001/150-001</b> Split-core current transformer; Primary rated current: 150 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m	<a href="http://www.wago.com/855-4001/150-001">www.wago.com/855-4001/150-001</a>
	<b>Item no.: 855-4001/200-001</b> Split-core current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 0.5; Cable length: 3 m	<a href="http://www.wago.com/855-4001/200-001">www.wago.com/855-4001/200-001</a>
	<b>Item no.: 855-4005/150-101</b> Split-core current transformer; Primary rated current: 150 A; Secondary rated current: 5 A; Rated power: 1 VA; Accuracy class: 1; Cable length: 0.5 m	<a href="http://www.wago.com/855-4005/150-101">www.wago.com/855-4005/150-101</a>
	<b>Item no.: 855-3001/100-003</b> Split-core current transformer; Primary rated current: 100 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 3; Cable length: 3 m	<a href="http://www.wago.com/855-3001/100-003">www.wago.com/855-3001/100-003</a>
<b>Plug-in current transformer</b>		
	<b>Item no.: 855-301/075-201</b> Plug-in current transformer; Primary rated current: 75 A; Secondary rated current: 1 A; Rated power: 2.5 VA; Accuracy class: 1	<a href="http://www.wago.com/855-301/075-201">www.wago.com/855-301/075-201</a>
	<b>Item no.: 855-301/150-501</b> Plug-in current transformer; Primary rated current: 150 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1	<a href="http://www.wago.com/855-301/150-501">www.wago.com/855-301/150-501</a>
	<b>Item no.: 855-301/200-501</b> Plug-in current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1	<a href="http://www.wago.com/855-301/200-501">www.wago.com/855-301/200-501</a>
	<b>Item no.: 855-301/400-1001</b> Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1	<a href="http://www.wago.com/855-301/400-1001">www.wago.com/855-301/400-1001</a>
	<b>Item no.: 855-301/050-103</b> Plug-in current transformer; Primary rated current: 50 A; Secondary rated current: 1 A; Rated power: 1.25 VA; Accuracy class: 3	<a href="http://www.wago.com/855-301/050-103">www.wago.com/855-301/050-103</a>
	<b>Item no.: 855-301/100-201</b> Plug-in current transformer; Primary rated current: 100 A; Secondary rated current: 1 A; Rated power: 2.5 VA; Accuracy class: 1	<a href="http://www.wago.com/855-301/100-201">www.wago.com/855-301/100-201</a>
	<b>Item no.: 855-305/050-103</b> Plug-in current transformer; Primary rated current: 50 A; Secondary rated current: 5 A; Rated power: 1.25 VA; Accuracy class: 3	<a href="http://www.wago.com/855-305/050-103">www.wago.com/855-305/050-103</a>

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



**Item no.: 855-305/060-101**

Plug-in current transformer; Primary rated current: 60 A; Secondary rated current: 5 A; Rated power: 1.25 VA; Accuracy class: 1

[www.wago.com/855-305/060-101](http://www.wago.com/855-305/060-101)



**Item no.: 855-305/075-201**

Plug-in current transformer; Primary rated current: 75 A; Secondary rated current: 5 A; Rated power: 2.5 VA; Accuracy class: 1

[www.wago.com/855-305/075-201](http://www.wago.com/855-305/075-201)



**Item no.: 855-301/250-501**

Plug-in current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1

[www.wago.com/855-301/250-501](http://www.wago.com/855-301/250-501)



**Item no.: 855-305/100-201**

Plug-in current transformer; Primary rated current: 100 A; Secondary rated current: 5 A; Rated power: 2.5 VA; Accuracy class: 1

[www.wago.com/855-305/100-201](http://www.wago.com/855-305/100-201)



**Item no.: 855-301/600-1001**

Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-301/600-1001](http://www.wago.com/855-301/600-1001)



**Item no.: 855-305/150-501**

Plug-in current transformer; Primary rated current: 150 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1

[www.wago.com/855-305/150-501](http://www.wago.com/855-305/150-501)



**Item no.: 855-801/2000-1001**

Plug-in current transformer; Primary rated current: 2000 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-801/2000-1001](http://www.wago.com/855-801/2000-1001)



**Item no.: 855-605/1500-501**

Plug-in current transformer; Primary rated current: 1500 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1

[www.wago.com/855-605/1500-501](http://www.wago.com/855-605/1500-501)



**Item no.: 855-805/2000-1001**

Plug-in current transformer; Primary rated current: 2000 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-805/2000-1001](http://www.wago.com/855-805/2000-1001)



**Item no.: 855-1005/2500-1001**

Plug-in current transformer; Primary rated current: 2500 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-1005/2500-1001](http://www.wago.com/855-1005/2500-1001)



**Item no.: 855-2701/035-001**

Plug-in current transformer; Primary rated current: 35 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1

[www.wago.com/855-2701/035-001](http://www.wago.com/855-2701/035-001)

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

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**Item no.: 855-1001/2500-1001**

Plug-in current transformer; Primary rated current: 2500 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-1001/2500-1001](http://www.wago.com/855-1001/2500-1001)



**Item no.: 855-301/060-101**

Plug-in current transformer; Primary rated current: 60 A; Secondary rated current: 1 A; Rated power: 1.25 VA; Accuracy class: 1

[www.wago.com/855-301/060-101](http://www.wago.com/855-301/060-101)



**Item no.: 855-2701/064-001**

Plug-in current transformer; Primary rated current: 64 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1

[www.wago.com/855-2701/064-001](http://www.wago.com/855-2701/064-001)



**Item no.: 855-501/1000-1001**

Plug-in current transformer; Primary rated current: 1000 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-501/1000-1001](http://www.wago.com/855-501/1000-1001)



**Item no.: 855-505/1000-1001**

Plug-in current transformer; Primary rated current: 1000 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-505/1000-1001](http://www.wago.com/855-505/1000-1001)



**Item no.: 855-505/600-1001**

Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-505/600-1001](http://www.wago.com/855-505/600-1001)



**Item no.: 855-505/400-1001**

Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-505/400-1001](http://www.wago.com/855-505/400-1001)



**Item no.: 855-505/800-1001**

Plug-in current transformer; Primary rated current: 800 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-505/800-1001](http://www.wago.com/855-505/800-1001)



**Item no.: 855-601/1500-501**

Plug-in current transformer; Primary rated current: 1500 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1

[www.wago.com/855-601/1500-501](http://www.wago.com/855-601/1500-501)



**Item no.: 855-305/200-501**

Plug-in current transformer; Primary rated current: 200 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1

[www.wago.com/855-305/200-501](http://www.wago.com/855-305/200-501)



**Item no.: 855-305/250-501**

Plug-in current transformer; Primary rated current: 250 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1

[www.wago.com/855-305/250-501](http://www.wago.com/855-305/250-501)

**Item no.: 855-305/300-501**

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Plug-in current transformer; Primary rated current 300 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1 [www.wago.com/855-305/300-501](http://www.wago.com/855-305/300-501)



**Item no.: 855-305/400-1001**  
Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1 [www.wago.com/855-305/400-1001](http://www.wago.com/855-305/400-1001)



**Item no.: 855-305/600-1001**  
Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1 [www.wago.com/855-305/600-1001](http://www.wago.com/855-305/600-1001)



**Item no.: 855-401/600-501**  
Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1 [www.wago.com/855-401/600-501](http://www.wago.com/855-401/600-501)



**Item no.: 855-401/400-501**  
Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1 [www.wago.com/855-401/400-501](http://www.wago.com/855-401/400-501)



**Item no.: 855-405/250-501**  
Plug-in current transformer; Primary rated current: 250 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1 [www.wago.com/855-405/250-501](http://www.wago.com/855-405/250-501)



**Item no.: 855-405/400-501**  
Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1 [www.wago.com/855-405/400-501](http://www.wago.com/855-405/400-501)



**Item no.: 855-405/750-501**  
Plug-in current transformer; Primary rated current 750 A; Secondary rated current: 5 A; Rated power: 5 VA; Accuracy class: 1 [www.wago.com/855-405/750-501](http://www.wago.com/855-405/750-501)



**Item no.: 855-501/800-1001**  
Plug-in current transformer; Primary rated current: 800 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1 [www.wago.com/855-501/800-1001](http://www.wago.com/855-501/800-1001)



**Item no.: 855-501/400-1001**  
Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1 [www.wago.com/855-501/400-1001](http://www.wago.com/855-501/400-1001)



**Item no.: 855-501/600-1001**  
Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1 [www.wago.com/855-501/600-1001](http://www.wago.com/855-501/600-1001)



**Item no.: 855-401/250-501**  
Plug-in current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1 [www.wago.com/855-401/250-501](http://www.wago.com/855-401/250-501)

**Item no.: 855-801/1000-1001**

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



Plug-in current transformer; Primary rated current: 1000 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-801/1000-1001](http://www.wago.com/855-801/1000-1001)

## Tool

Operating tool



**Item no.: 210-720**

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

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

## Potential distribution

Current and voltage tap



**Item no.: 855-951/250-000**

Current and voltage tap up to 95 mm<sup>2</sup>; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 0.5; fused

[www.wago.com/855-951/250-000](http://www.wago.com/855-951/250-000)



**Item no.: 855-501/150-000**

Current and voltage tap up to 50 mm<sup>2</sup>; Primary rated current: 150 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 0.5; fused

[www.wago.com/855-501/150-000](http://www.wago.com/855-501/150-000)



**Item no.: 855-1851/350-000**

Current and voltage tap up to 185 mm<sup>2</sup>; Primary rated current: 350 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 0.5; fused

[www.wago.com/855-1851/350-000](http://www.wago.com/855-1851/350-000)

## Power supplies

Power supply unit



**Item no.: 787-2852**

Switched-mode power supply; 1-phase; 24 VDC output voltage; 1 A output current

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

## Jumpers

Jumper



**Item no.: 859-408**

Jumper; for jumper slot; 8-way; insulated; light gray

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



**Item no.: 281-482**

Jumper; 2-way; insulated; gray

[www.wago.com/281-482](http://www.wago.com/281-482)



**Item no.: 859-404/000-005**

Jumper; for jumper slot; 4-way; insulated; red

[www.wago.com/859-404/000-005](http://www.wago.com/859-404/000-005)



**Item no.: 859-404/000-006**

Jumper; for jumper slot; 4-way; insulated; blue

[www.wago.com/859-404/000-006](http://www.wago.com/859-404/000-006)

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**Item no.: 859-405/000-005**

Jumper; for jumper slot; 5-way; insulated; red

[www.wago.com/859-405/000-005](http://www.wago.com/859-405/000-005)



**Item no.: 859-405/000-029**

Jumper; for jumper slot; 5-way; insulated; yellow

[www.wago.com/859-405/000-029](http://www.wago.com/859-405/000-029)



**Item no.: 859-405**

Jumper; for jumper slot; 5-way; insulated; light gray

[www.wago.com/859-405](http://www.wago.com/859-405)



**Item no.: 859-404/000-029**

Jumper; for jumper slot; 4-way; insulated; yellow

[www.wago.com/859-404/000-029](http://www.wago.com/859-404/000-029)



**Item no.: 859-406**

Jumper; for jumper slot; 6-way; insulated; light gray

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



**Item no.: 859-405/000-006**

Jumper; for jumper slot; 5-way; insulated; blue

[www.wago.com/859-405/000-006](http://www.wago.com/859-405/000-006)



**Item no.: 859-406/000-005**

Jumper; for jumper slot; 6-way; insulated; red

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



**Item no.: 859-409/000-029**

Jumper; for jumper slot; 9-way; insulated; yellow

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



**Item no.: 859-410/000-005**

Jumper; for jumper slot; 10-way; insulated; red

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



**Item no.: 859-410/000-029**

Jumper; for jumper slot; 10-way; insulated; yellow

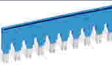
[www.wago.com/859-410/000-029](http://www.wago.com/859-410/000-029)



**Item no.: 859-410**

Jumper; for jumper slot; 10-way; insulated; light gray

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



**Item no.: 859-410/000-006**

Jumper; for jumper slot; 10-way; insulated; blue

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



**Item no.: 859-403/000-005**

Jumper; for jumper slot; 3-way; insulated; red

[www.wago.com/859-403/000-005](http://www.wago.com/859-403/000-005)



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	<b>Item no.: 859-402/000-029</b> Jumper; for jumper slot; 2-way; insulated; yellow	<a href="http://www.wago.com/859-402/000-029">www.wago.com/859-402/000-029</a>
	<b>Item no.: 859-403/000-029</b> Jumper; for jumper slot; 3-way; insulated; yellow	<a href="http://www.wago.com/859-403/000-029">www.wago.com/859-403/000-029</a>
	<b>Item no.: 859-403/000-006</b> Jumper; for jumper slot; 3-way; insulated; blue	<a href="http://www.wago.com/859-403/000-006">www.wago.com/859-403/000-006</a>
	<b>Item no.: 859-408/000-005</b> Jumper; for jumper slot; 8-way; insulated; red	<a href="http://www.wago.com/859-408/000-005">www.wago.com/859-408/000-005</a>
	<b>Item no.: 859-408/000-029</b> Jumper; for jumper slot; 8-way; insulated; yellow	<a href="http://www.wago.com/859-408/000-029">www.wago.com/859-408/000-029</a>
	<b>Item no.: 859-409</b> Jumper; for jumper slot; 9-way; insulated; light gray	<a href="http://www.wago.com/859-409">www.wago.com/859-409</a>
	<b>Item no.: 859-408/000-006</b> Jumper; for jumper slot; 8-way; insulated; blue	<a href="http://www.wago.com/859-408/000-006">www.wago.com/859-408/000-006</a>
	<b>Item no.: 859-403</b> Jumper; for jumper slot; 3-way; insulated; light gray	<a href="http://www.wago.com/859-403">www.wago.com/859-403</a>
	<b>Item no.: 859-409/000-005</b> Jumper; for jumper slot; 9-way; insulated; red	<a href="http://www.wago.com/859-409/000-005">www.wago.com/859-409/000-005</a>
	<b>Item no.: 859-404</b> Jumper; for jumper slot; 4-way; insulated; light gray	<a href="http://www.wago.com/859-404">www.wago.com/859-404</a>
	<b>Item no.: 859-409/000-006</b> Jumper; for jumper slot; 9-way; insulated; blue	<a href="http://www.wago.com/859-409/000-006">www.wago.com/859-409/000-006</a>
	<b>Item no.: 859-402/000-006</b> Jumper; for jumper slot; 2-way; insulated; blue	<a href="http://www.wago.com/859-402/000-006">www.wago.com/859-402/000-006</a>
	<b>Item no.: 859-402</b> Jumper; for jumper slot; 2-way; 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> Jumper; for jumper slot; 2-way; insulated; red	<a href="http://www.wago.com/859-402/000-005">www.wago.com/859-402/000-005</a>

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





**Item no.: 859-406/000-006**  
Jumper; for jumper slot; 6-way; insulated; blue

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



**Item no.: 859-406/000-029**  
Jumper; for jumper slot; 6-way; insulated; signal yellow

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



**Item no.: 859-407/000-006**  
Jumper; for jumper slot; 7-way; insulated; blue

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



**Item no.: 859-407/000-005**  
Jumper; for jumper slot; 7-way; insulated; red

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



**Item no.: 859-407/000-029**  
Jumper; for jumper slot; 7-way; insulated; yellow

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



**Item no.: 859-407**  
Jumper; for jumper slot; 7-way; insulated; light gray

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

## Screwless end stop

### Mounting accessories



**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)

## Communication

### Bluetooth



**Item no.: 750-921**  
Bluetooth® Adapter

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

### Communication cable



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

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

## Interface module

### Interface adapters



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

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

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## Downloads

### Documentation

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#### Instruction Leaflet

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Messumformer und Trennverstärker Strommessumformer Wechsel- und Gleichströme DIP-Schalter / FDT/DTM Software		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 Aug 18	pdf 2.2 MB	Download
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## Engineering-Software

### Configuration and Commissioning Software

WAGO Interface Configuration Software G2 FULL The full setup, in addition to the WAGO Interface Configuration Software G2, includes the installation for the Microsoft .NET Framework.	1.00.10.01 2022 Jan 20	exe 114.9 MB	Download
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WAGO Interface Configuration Software G2 SMALL The full setup only includes the WAGO Interface Configuration Software G2.	1.00.10.01 2022 Jan 20	exe 31.0 MB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 857-550		URL	Download
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## CAE data

EPLAN Data Portal 857-550	<a href="#">URL</a>	<a href="#">Download</a>
WSCAD Universe 857-550	<a href="#">URL</a>	<a href="#">Download</a>
ZUKEN Portal 857-550	<a href="#">URL</a>	<a href="#">Download</a>

## Environmental Product Compliance

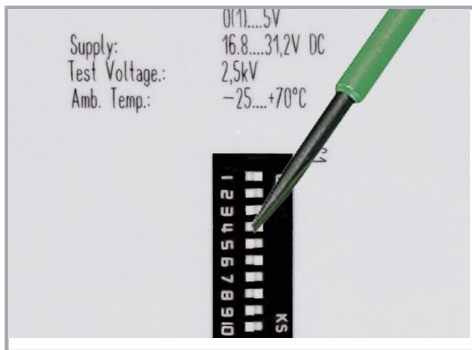
### Compliance Search

Environmental Product Compliance 857-550	<a href="#">URL</a>	<a href="#">Download</a>
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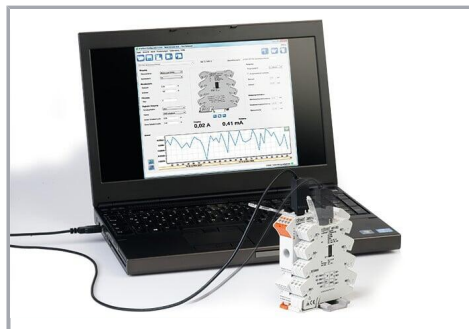
Current signal conditioner; Current input signal; Current and voltage output signal; Digital output; Configuration via software; Supply voltage: 24 VDC; 6 mm module width; 2,50 mm<sup>2</sup>

## Installation Notes

### Configuring

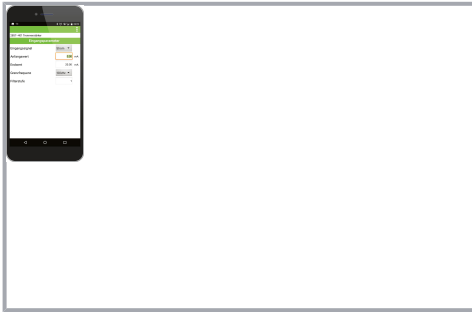


Configuration via DIP switch



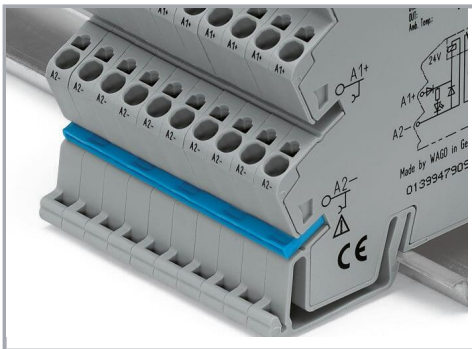
Configuration via WAGO Interface  
Configuration Software

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



Configuration via WAGO Interface  
Configuration App

### Commoning



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

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