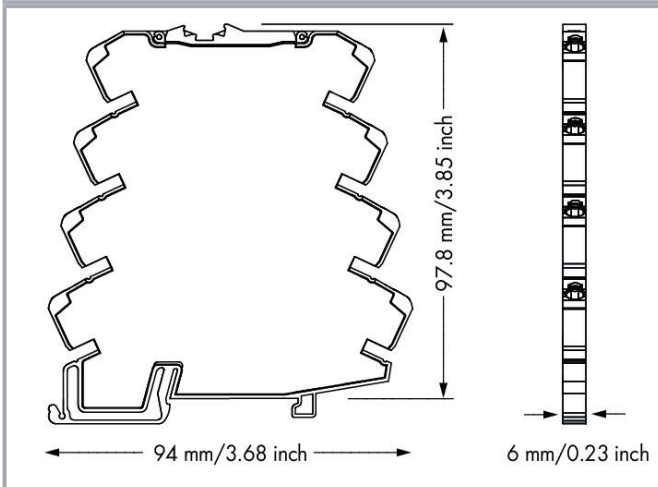
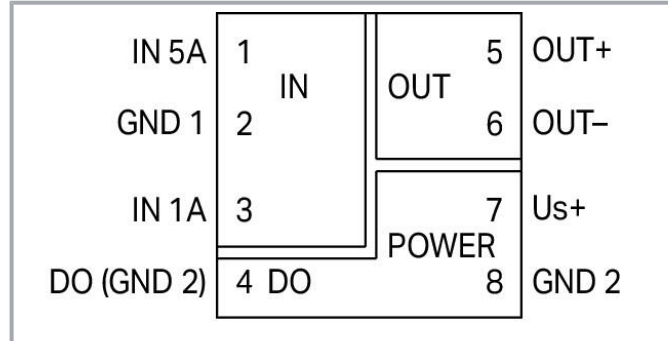
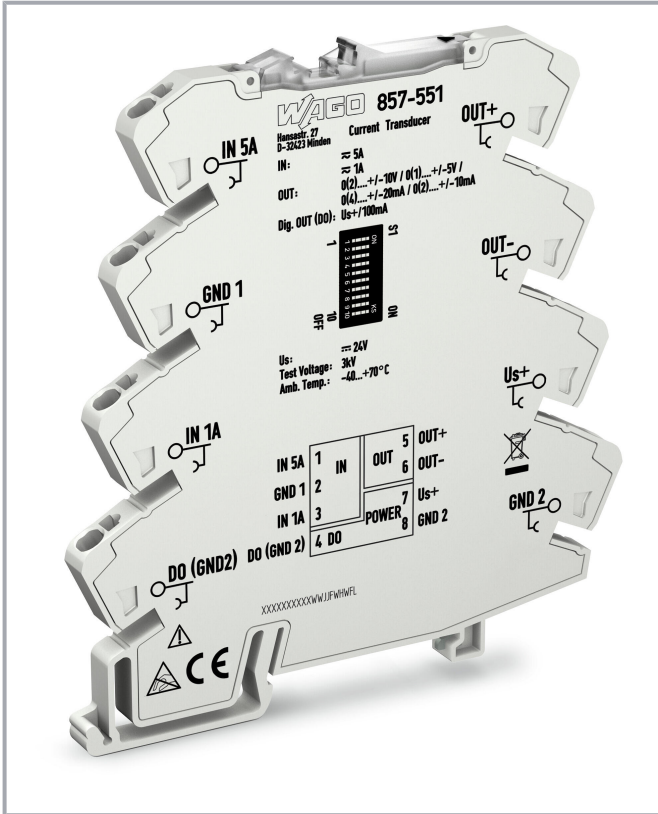


Data sheet | Item number: 857-551

Current signal conditioner; Current input signal; Current and voltage output signal; Digital output; Configuration via software; Supply voltage: 24 VDC; 6 mm module width



www.wago.com/857-551



857-551
DIP Switch Adjustability

DIP Switch S1

1	2	3	4
5 A	Input	Measurement Method	Filter
• 2.5 A	• Effective value (RMS)	• Arithmetic mean value (bipolar output)	• off
• 1 A			• active
• 0.5 A			

DIP Switch S1

5	6	7
Output Signal Range (Bipolar for Arithmetic Mean Value)		
•	(+/-) 0 ... 20 mA	
•	4 ... 20 mA	
•	(+/-) 0 ... 10 V	
•	2 ... 10 V	
•	(+/-) 0 ... 10 mA	
•	2 ... 10 mA	
•	(+/-) 0 ... 5 V	
•	1 ... 5 V	

DIP Switch S1

8	9	10
Measurement Range Underflow	Measurement Range Overflow	Digital Output DO Signaling
• Lower limit of measurement range +2.5 %	• Upper limit of measurement range -5 %	• DO U _s switching
• Lower limit of measurement range +2.5 %	• Upper limit of measurement range -5 %	• DO GND switching
• Lower limit of measurement range	• Upper limit of measurement range -5 %	

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 flows).

Digital Output DO/Signaling: The digital output (DO) signals error messages and can be configured as follows: 24 V ~ 0 V/0 V ~ 24 V.

*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 AC/DC currents up to 5 A, converting the input signal to a standard analog signal at the output.

Features:

- Two isolated measurement inputs for 1 and 5 A AC/DC (when mounted individually: 6 A AC/DC)
- RMS measurement or arithmetic mean value
- A digital signal output reacts to configured measurement range limits (on/off switching delay and threshold value switch function can be configured with up to two threshold values).
- Switchable filter function
- 3-way electrical isolation with 2.5 kV test voltage

Data

Notes

- | | |
|------|--|
| Note | <ul style="list-style-type: none"> ■ Only the WAGO Interface Configuration Software can be used to set the measurement range of 0 to 6 A. ■ Additional setting options via the WAGO Interface Configuration Software |
|------|--|

Technical data

Configuration

Configuration options	DIP switch WAGO Interface Configuration Software
-----------------------	---

Input

Input signal type	Current
Input signal (current)	AC/DC 0 ... 5 A (IN 1; Block arrangement); AC/DC 0 ... 6 A (IN 1; Individual arrangement)
Frequency range	16 ... 200 Hz
Input resistance (current input)	47 mΩ (IN 1); 10 mΩ (IN 2)
Input current (max.)	15 A (IN 1; 5 s); 10 A (IN 3; 5 s)
Response threshold	10 mA (IN 1); 2 mA (IN 3)
Resolution (current)	1 mA (IN 1); 0.5 mA (IN 3)

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Output (analog)

Output signal type	Current Voltage
Output signal (voltage)	0 ... 5 V; 1 ... 5 V; 0 ... 10 V; 2 ... 10 V (can be inverted, also bipolar) 0 ... 5 V; 1 ... 5 V; 0 ... 10 V; 2 ... 10 V (can be inverted (also bipolar))
Output signal (current)	0 ... 10 mA; 2 ... 10 mA; 0 ... 20 mA; 4 ... 20 mA (can be inverted, also bipolar) 0 ... 10 mA; 2 ... 10 mA; 0 ... 20 mA; 4 ... 20 mA (can be inverted (also bipolar))
Load impedance (voltage output)	$\geq 2 \text{ k}\Omega$
Load impedance (current output)	$\leq 600 \Omega$

Output (digital)

Switching voltage (DO) max.	Supply voltage applied
Continuous current (DO) max.	100 mA (no internal restriction)
Number of switching thresholds (DO)	1 or 2 (adjustable)
Configurable rise/fall delay time (DO)	0 ... 60 s (via software)

Signal Processing

Measurement method	True RMS measurement; Arithmetic mean value
Software filter (adjustable)	Moving average value (filter level: 30)
Step response (typ.)	60 ms (for software filter 3)
Step response (max.)	250 ms

Measurement Error

Transmission error (max.)	$\leq 0.5 \%$ (of the full scale value)
Temperature coefficient	1 A input: $\leq 0.01 \%/K$ (typ.); $\leq 0.02 \%/K$ (max.); 5 A input: $\leq 0.02 \%/K$ (typ.); $\leq 0.04 \%/K$ (max.)

Supply

Nominal supply voltage U_S	DC 24 V (SELV)
Supply voltage range	$\pm 30 \%$
Current consumption at nominal supply voltage	$\leq 50 \text{ mA}$ (+ I_{DO})

Safety and protection

Rated voltage	300 V
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Subject to changes. Please also observe the further product documentation!



Measurement category per EN 61010-2-030	CAT II (input 300 VAC)
Note on insulation parameters	Danger: Configuration via the service interface must only be performed with a voltage-free measurement input! The digital output (DO) is at the potential of the supply.
Protection type	IP20

Test voltage

Test voltage (input/analog output/supply/service interface)	3 kVAC; 50 Hz; 1 min
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Insulation parameters

Overvoltage category	II
Pollution degree	2
Insulation type (input/analog output/supply/service interface)	Double insulation (impedance and basic insulation) Requirement: The GND 1 input is dangerous when active and the measurement is conducted as a low-side measurement!

Connection data

Connection technology	Push-in CAGE CLAMP®
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.34 ... 2.5 mm ² / 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
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Material Data

Fire load	0.013 MJ
Weight	38.2 g

Environmental requirements

Ambient temperature (operation)	-40 ... +70 °C (at nominal current)
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Subject to changes. Please also observe the further product documentation!

Ambient temperature (storage)	-40 ... +85 °C
Temperature range of connection cable	$\geq (T_{\text{ambient}} + 34 \text{ K})$
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, EN 61326-1
EMC emission of interference	EN 61000-6-3; EN 61326-1
Standards/specifications	EN 61010-1

Commercial data



ETIM 8.0	EC002475
ETIM 7.0	EC002475
PU (SPU)	1 pcs
Packaging type	bag
Country of origin	DE
GTIN	4055143967129
Customs tariff number	85437090300

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 020/2011	EAC_Certificate_RU_C-DE.AM02.B.00115_19
	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
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Subject to changes. Please also observe the further product documentation!



EU-Declaration of Conformity
WAGO GmbH & Co. KG

Optional accessories

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

Interface module

Interface adapters



Item no.: 857-980

Interface adapter; 16-pole; analog

www.wago.com/857-980

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

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.: 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

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

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	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
Terminal blocks		
Supply module		
	Item no.: 857-979 Supply and through module	www.wago.com/857-979
Relay module		
Relay module		
	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 ² ; gray	www.wago.com/857-304
Cables and pluggable connectors		
Communication cable		
	Item no.: 750-923/000-001 Configuration cable; USB connector; Length: 5 m	www.wago.com/750-923/000-001
Current transformers		
Split-core current transformer		
	Item no.: 855-4101/200-001 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	www.wago.com/855-4101/200-001
	Item no.: 855-4101/250-001 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	www.wago.com/855-4101/250-001
	Item no.: 855-4101/400-001 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	www.wago.com/855-4101/400-001
	Item no.: 855-4105/250-101 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	www.wago.com/855-4105/250-101
	Item no.: 855-4105/400-101 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	www.wago.com/855-4105/400-101
	Item no.: 855-5001/1000-000 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	www.wago.com/855-5001/1000-000

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

	Item no.: 855-5001/250-001 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	www.wago.com/855-5001/250-001
	Item no.: 855-5001/400-000 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	www.wago.com/855-5001/400-000
	Item no.: 855-3001/200-001 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	www.wago.com/855-3001/200-001
	Item no.: 855-3001/250-001 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	www.wago.com/855-3001/250-001
	Item no.: 855-3001/060-003 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	www.wago.com/855-3001/060-003
	Item no.: 855-5001/600-000 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	www.wago.com/855-5001/600-000
	Item no.: 855-5005/1000-000 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	www.wago.com/855-5005/1000-000
	Item no.: 855-5005/400-001 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	www.wago.com/855-5005/400-001
	Item no.: 855-5005/600-000 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	www.wago.com/855-5005/600-000
	Item no.: 855-5105/1000-000 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	www.wago.com/855-5105/1000-000
	Item no.: 855-5101/1000-000 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	www.wago.com/855-5101/1000-000
	Item no.: 855-4001/100-001	

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	www.wago.com/855-4001/100-001
	Item no.: 855-4001/150-001 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	www.wago.com/855-4001/150-001
	Item no.: 855-4001/200-001 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	www.wago.com/855-4001/200-001
	Item no.: 855-4005/150-101 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	www.wago.com/855-4005/150-101
	Item no.: 855-3001/100-003 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	www.wago.com/855-3001/100-003
Plug-in current transformer		
	Item no.: 855-301/075-201 Plug-in current transformer; Primary rated current: 75 A; Secondary rated current: 1 A; Rated power: 2.5 VA; Accuracy class: 1	www.wago.com/855-301/075-201
	Item no.: 855-301/150-501 Plug-in current transformer; Primary rated current: 150 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1	www.wago.com/855-301/150-501
	Item no.: 855-301/200-501 Plug-in current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1	www.wago.com/855-301/200-501
	Item no.: 855-301/400-1001 Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1	www.wago.com/855-301/400-1001
	Item no.: 855-301/050-103 Plug-in current transformer; Primary rated current: 50 A; Secondary rated current: 1 A; Rated power: 1.25 VA; Accuracy class: 3	www.wago.com/855-301/050-103
	Item no.: 855-301/100-201 Plug-in current transformer; Primary rated current: 100 A; Secondary rated current: 1 A; Rated power: 2.5 VA; Accuracy class: 1	www.wago.com/855-301/100-201
	Item no.: 855-305/050-103 Plug-in current transformer; Primary rated current: 50 A; Secondary rated current: 5 A; Rated power: 1.25 VA; Accuracy class: 3	www.wago.com/855-305/050-103

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



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



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



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



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



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



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



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



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



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



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

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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



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



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



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



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



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



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



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



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



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



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

Item no.: 855-305/300-501

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

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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



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



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



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



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



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



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



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



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



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



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



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

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

Jumpers

Jumper

	Item no.: 859-408 Jumper; for jumper slot; 8-way; insulated; light gray	www.wago.com/859-408
	Item no.: 281-482 Jumper; 2-way; insulated; gray	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
	Item no.: 859-404/000-006 Jumper; for jumper slot; 4-way; insulated; blue	www.wago.com/859-404/000-006
	Item no.: 859-405/000-005 Jumper; for jumper slot; 5-way; insulated; red	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
	Item no.: 859-405 Jumper; for jumper slot; 5-way; insulated; light gray	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
	Item no.: 859-406 Jumper; for jumper slot; 6-way; insulated; light gray	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
	Item no.: 859-406/000-005 Jumper; for jumper slot; 6-way; insulated; red	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

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

	<p>Item no.: 859-410/000-005 Jumper; for jumper slot; 10-way; insulated; red</p>	<p>www.wago.com/859-410/000-005</p>
	<p>Item no.: 859-410/000-029 Jumper; for jumper slot; 10-way; insulated; yellow</p>	<p>www.wago.com/859-410/000-029</p>
	<p>Item no.: 859-410 Jumper; for jumper slot; 10-way; insulated; light gray</p>	<p>www.wago.com/859-410</p>
	<p>Item no.: 859-410/000-006 Jumper; for jumper slot; 10-way; insulated; blue</p>	<p>www.wago.com/859-410/000-006</p>
	<p>Item no.: 859-403/000-005 Jumper; for jumper slot; 3-way; insulated; red</p>	<p>www.wago.com/859-403/000-005</p>
	<p>Item no.: 859-402/000-029 Jumper; for jumper slot; 2-way; insulated; yellow</p>	<p>www.wago.com/859-402/000-029</p>
	<p>Item no.: 859-403/000-029 Jumper; for jumper slot; 3-way; insulated; yellow</p>	<p>www.wago.com/859-403/000-029</p>
	<p>Item no.: 859-403/000-006 Jumper; for jumper slot; 3-way; insulated; blue</p>	<p>www.wago.com/859-403/000-006</p>
	<p>Item no.: 859-408/000-005 Jumper; for jumper slot; 8-way; insulated; red</p>	<p>www.wago.com/859-408/000-005</p>
	<p>Item no.: 859-408/000-029 Jumper; for jumper slot; 8-way; insulated; yellow</p>	<p>www.wago.com/859-408/000-029</p>
	<p>Item no.: 859-409 Jumper; for jumper slot; 9-way; insulated; light gray</p>	<p>www.wago.com/859-409</p>
	<p>Item no.: 859-408/000-006 Jumper; for jumper slot; 8-way; insulated; blue</p>	<p>www.wago.com/859-408/000-006</p>
	<p>Item no.: 859-403 Jumper; for jumper slot; 3-way; insulated; light gray</p>	<p>www.wago.com/859-403</p>
	<p>Item no.: 859-409/000-005 Jumper; for jumper slot; 9-way; insulated; red</p>	<p>www.wago.com/859-409/000-005</p>

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



Item no.: 859-404

Jumper; for jumper slot; 4-way; insulated; light gray

www.wago.com/859-404



Item no.: 859-409/000-006

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

www.wago.com/859-409/000-006



Item no.: 859-402/000-006

Jumper; for jumper slot; 2-way; insulated; blue

www.wago.com/859-402/000-006



Item no.: 859-402

Jumper; for jumper slot; 2-way; insulated; light gray

www.wago.com/859-402



Item no.: 859-402/000-005

Jumper; for jumper slot; 2-way; insulated; red

www.wago.com/859-402/000-005



Item no.: 859-406/000-006

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

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



Item no.: 859-407/000-006

Jumper; for jumper slot; 7-way; insulated; blue

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



Item no.: 859-407/000-029

Jumper; for jumper slot; 7-way; insulated; yellow

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

Potential distribution

Current and voltage tap



Item no.: 855-951/250-000

Current and voltage tap up to 95 mm²; 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

Item no.: 855-501/150-000

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

WAGO GmbH & Co. KG

Hansastr. 27

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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.



Current and voltage tap up to 50 mm²; 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



Item no.: 855-1851/350-000

Current and voltage tap up to 185 mm²; 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

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



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



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

Communication

Bluetooth



Item no.: 750-921

Bluetooth® Adapter

www.wago.com/750-921

Communication cable



Item no.: 750-923

Configuration cable; USB connector; Length: 2.5 m

www.wago.com/750-923

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

Downloads

Documentation

Instruction Leaflet

Strommessumformer

V 1.0.0
2020 Apr 3

pdf
1.8 MB

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Additional Information

Disposal and Recycling

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

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Disposal and recycling

Electrical and electronic equipment, Batteries, Packaging

V 1.1.0
2022 Aug 18

pdf
2.2 MB

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Engineering-Software

Configuration and Commissioning Software

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](#)

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

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CAD/CAE-Data

CAD data

2D/3D Models 857-551

[URL](#)

[Download](#)

CAE data

ZUKEN Portal 857-551

[URL](#)

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 857-551

Current signal conditioner; Current input signal; Current and voltage output signal; Digital output; Configuration via software; Supply voltage: 24 VDC; 6 mm module width

[URL](#)

[Download](#)

Installation Notes

Configuring

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

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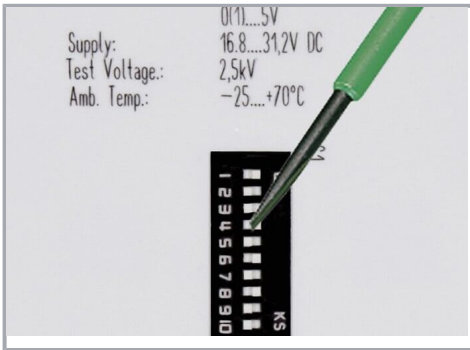
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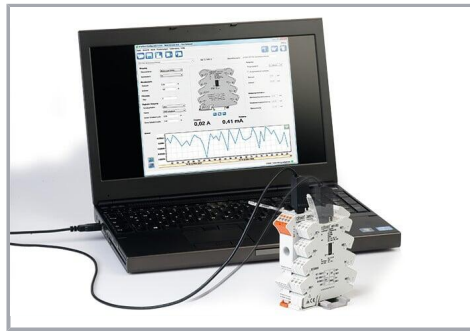
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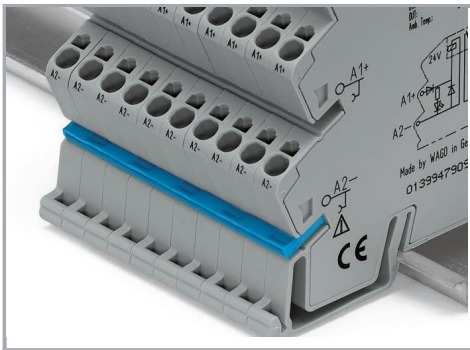


Configuration via DIP switch



Configuration via WAGO Interface
Configuration Software

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!