

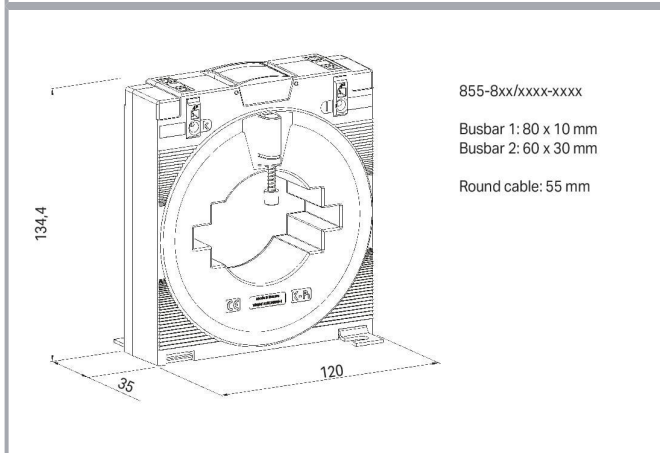
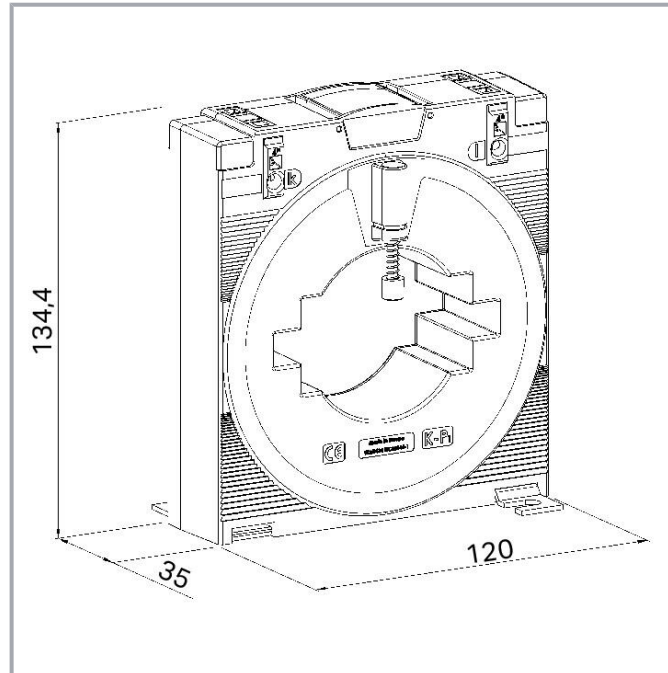
Data sheet | Item number: 855-805/2000-1001

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



 Picture differs from the item.



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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Item description

Short description:

WAGO's plug-in current transformers (855 Series) are inductive, single-conductor current transformers. Due to the measurement principle used, these current transformers are exclusively designed for AC network applications.

Features:

- Screwless CAGE CLAMP® connection technology
- Several mounting options available
- Vibration- and shock-resistant
- High mechanical retention forces
- High current-carrying capacity
- Continuous overload of 120 % the nominal primary current
- Low-voltage current transformer for operating voltages up to max. 1.2 kV
- For 690 V power networks
- UL recognized components

Data

Technical data

Input

Measured variable	Current
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Input – current transformer

Rated continuous thermal current I_{cth}	$1.2 \times I_N$
Rated short-time thermal current I_{th}	$60 \times I_N / 1 \text{ s (max. 100 kA / 1 s)}$
Overcurrent limiting factor	FS5 / FS10 (type dependent; see type plate inscription)
Rated frequency	50 ... 60 Hz
Primary rated current	

Output – current transformer

Secondary rated current	5 A
Rated power S_r	10 VA

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



Measurement error

Accuracy class	1
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Safety and protection

Test voltage	AC 6 kV; 50 Hz; 1 min
Highest voltage for equipment U_m	AC 1.2 kV _{rms}

Connection data

Connection 1

Connection technology	CAGE CLAMP®
Strip length	9 ... 10 mm / 0.35 ... 0.39 inches
Solid conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm ² / 28 ... 12 AWG

Physical data

Width	120 mm / 4.724 inches
Height	134.4 mm / 5.291 inches
Depth	52 mm / 2.047 inches

Mechanical data

Mounting type	Closed current transformer Installation on mounting plate Installation on round cable
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Material data

Insulation class	E
Weight	396 g

Environmental requirements

Ambient temperature (operation)	-5 ... +50 °C
Ambient temperature (storage)	-25 ... +70 °C
Operating altitude (max.)	1000 m

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

Standards and specifications

Conformity marking	CE
Standards/specifications	EN 61869-1 EN 61869-2 UL: E356480

Commercial data

eCl@ss 10.0	27-21-09-02
eCl@ss 9.0	27-21-09-02
ETIM 9.0	EC002048
ETIM 8.0	EC002048
Recupel Type	
ECCN	NO DATA
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	HU
Customs tariff number	85043129900

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 GZO Almaty Standart	TP TC 004/2011	EAC CoC 03082
	UL Underwriters Laboratories Inc.	-	E356480

Declarations of conformity and manufacturer's declarations

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

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UK-Declaration of Conformity
WAGO GmbH & Co. KG

Optional accessories

Mounting adapter

Fast connection adapter



Item no.: 855-9910
Quick-mount kit

www.wago.com/855-9910

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

Mounting

Current transformer terminal block



Item no.: 2007-8874
Compact terminal block; for current and voltage transformers; 6,00 mm²; multicoloured

www.wago.com/2007-8874



Item no.: 2007-8877
Compact terminal block; for current transformer circuit; 6,00 mm²; multicoloured

www.wago.com/2007-8877



Item no.: 2007-8875
Compact terminal block; for current transformer circuit; 6,00 mm²; multicoloured

www.wago.com/2007-8875



Item no.: 2007-8876
Compact terminal block; for 3-phase current transformer circuit; 6,00 mm²; multicoloured

www.wago.com/2007-8876



Item no.: 2007-8873
Compact terminal block; for current and voltage transformers; 6,00 mm²; multicoloured

www.wago.com/2007-8873

Signal conditioner

Power measurement module

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**Item no.: 2857-570/024-005**

3-Phase Power Measurement Module; 3x277/480 V/5 A; Modbus RTU; Digital output; Configuration via software; Supply voltage: 24 VDC

www.wago.com/2857-570/024-005

Current signal conditioner

**Item no.: 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 mm²www.wago.com/857-550**Item no.: 857-569**

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

www.wago.com/857-569**Item no.: 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**Downloads****Documentation****Bid Text**

Item no.	Version	File name	Size	Action
855-805/2000-1001	Feb 19, 2019	X81 - Datei	xml 5.0 kB	Download

855-805/2000-1001	Jan 8, 2016	doc - Datei	doc 32.8 kB	Download
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Instruction Leaflet

Aufsteck-Stromwandler			pdf 1.5 MB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 Aug 18, 2022	pdf 2.2 MB	Download
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Engineering-Software**Configuration and Commissioning Software**

WAGO Interface Configuration Software G2 FULL	1.00.10.01	exe	Download
The full setup, in addition to the WAGO Interface Configuration Software G2, includes the installation for the Microsoft .NET Framework.	Jan 20, 2022	114.9 MB	

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



WAGO Interface Configuration Software G2 SMALL

1.00.10.01

exe

Download

The full setup only includes the WAGO Interface Configuration Software G2.

Jan 20, 2022

31.0 MB

CAD/CAE-Data

CAD data

2D/3D Models 855-805/2000-1001

URL

Download

CAE data

EPLAN Data Portal 855-805/2000-1001

URL

Download

WSCAD Universe 855-805/2000-1001

URL

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ZUKEN Portal 855-805/2000-1001

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EPLAN Data Portal 855-805/2000-1001

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 855-805/2000-1001

URL

Download

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Installation Notes

Conductor termination

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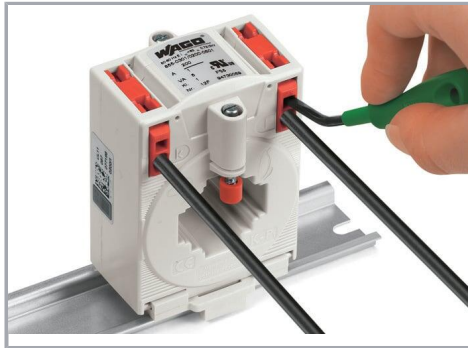
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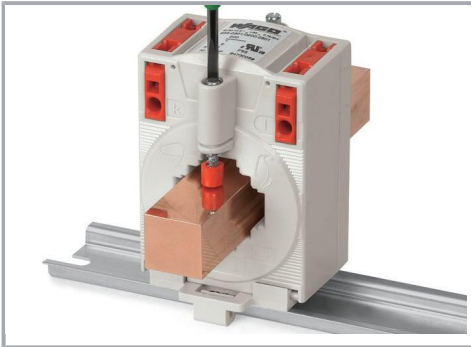


Conductor termination – screwdriver actuation perpendicular to conductor entry

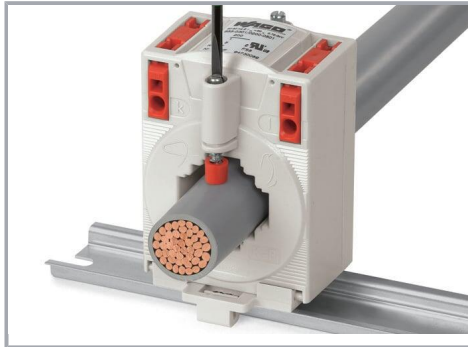


Conductor termination – screwdriver actuation parallel to conductor entry

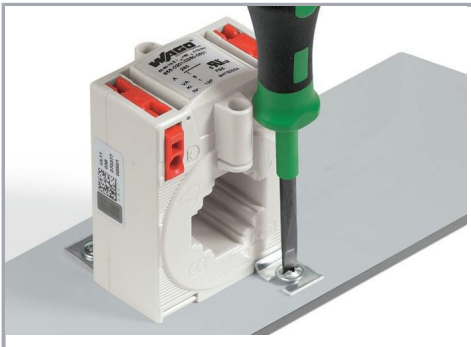
Installation



Installation on copper current bar



Installation on round cable



Installation on mounting plate



Installation via 855-9910 Quick-Mount Kit

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