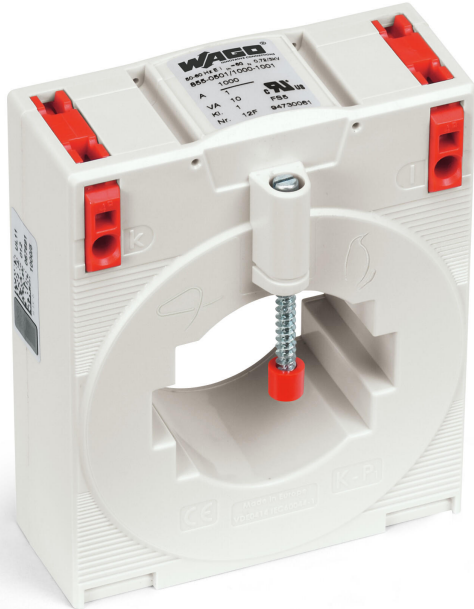


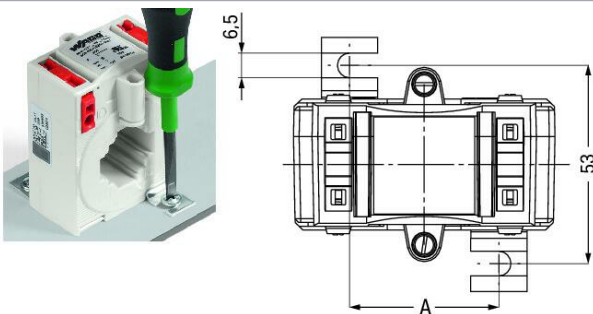
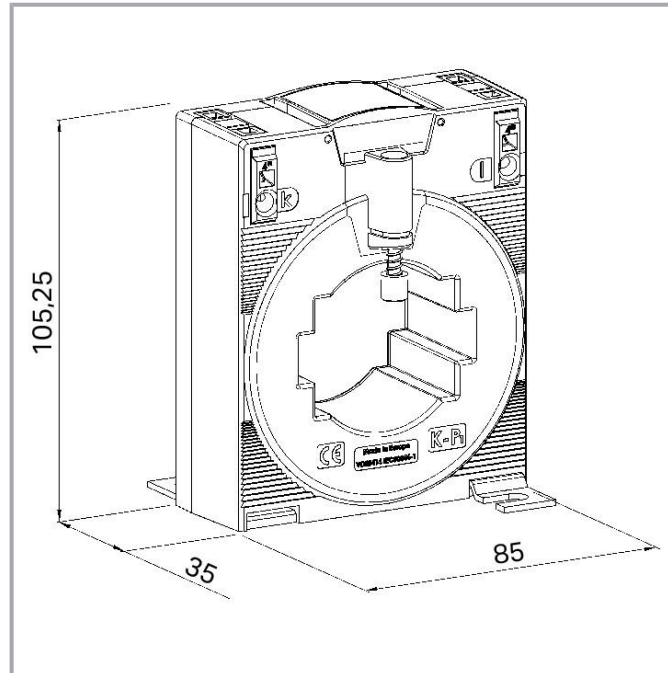
Data sheet | Item number: 855-501/1000-1001

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

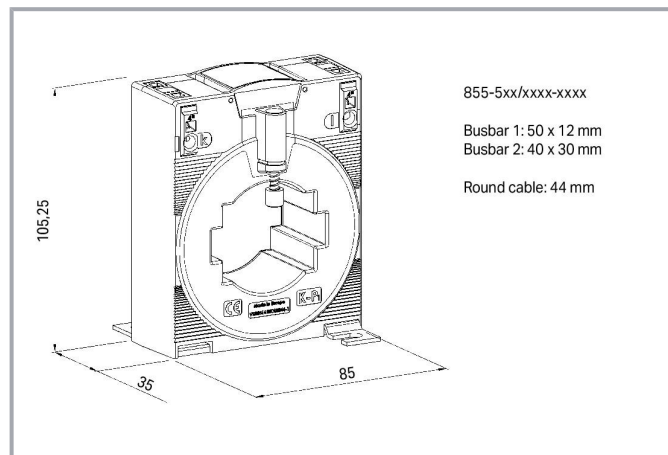
www.wago.com/855-501/1000-1001



 Picture differs from the item.



	855-3xx/...	855-4xx/...	855-5xx/...	855-6xx/...	855-8xx/...	855-1xxx/...
A [mm]	40	40	65	65	95	95



Item description

Short description:

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

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These plug-in units (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

Accuracy class	1
Primary rated current	1000 A
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
Secondary rated current	1 A
Rated power S_r	10 VA

Safety and protection

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

Connection data

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

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Physical data

Width	85 mm / 3.346 inch
Height	105.25 mm / 4.144 inch
Depth	52 mm / 2.047 inch

Mechanical data

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

Insulation class	E
Weight	230 g

Environmental requirements

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

Standards and specifications

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

Commercial data

PU (SPU)	1 Stück
Packaging type	box
Country of origin	HU
GTIN	4050821616948
Customs tariff number	85043129900

Approvals / Certificates

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL	C51.13	E356480

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

Underwriters Laboratories Inc.



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

Downloads

Documentation

Bid Text

855-501/1000-1001 doc - Datei	2017. 12. 11.	doc 31.7 kB	Download
855-501/1000-1001 X81 - Datei	2019. 2. 19.	xml 5.0 kB	Download

Instruction Leaflet

Aufsteck-Stromwandler		pdf 1.5 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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Engineering-Software

Software for Interface-Products

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.	1.0.7.9 2021. 4. 8.	exe 114.0 MB	Download
WAGO Interface Configuration Software G2 SMALL The full setup only includes the WAGO Interface Configuration Software G2.	1.0.7.9 2021. 4. 8.	exe 30.0 MB	Download

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

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CAD/CAE-Data

CAD data

2D/3D Models 855-501/1000-1001	URL	Download
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CAE data

EPLAN Data Portal 855-501/1000-1001	URL	Download
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WSCAD Universe 855-501/1000-1001	URL	Download
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ZUKEN Portal 855-501/1000-1001	URL	Download
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WSCAD Universe 855-501/1000-1001	URL	Download
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EPLAN Data Portal 855-501/1000-1001	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 855-501/1000-1001	URL	Download
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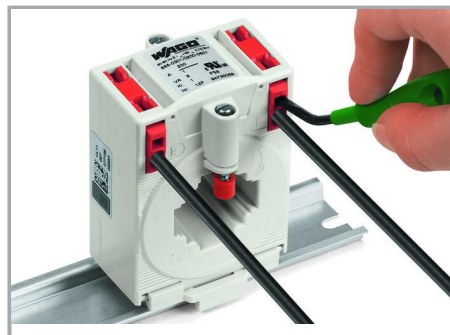
Plug-in current transformer; Primary rated current: 1000 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

Installation Notes

Conductor termination



Conductor termination – screwdriver actuation perpendicular to conductor entry



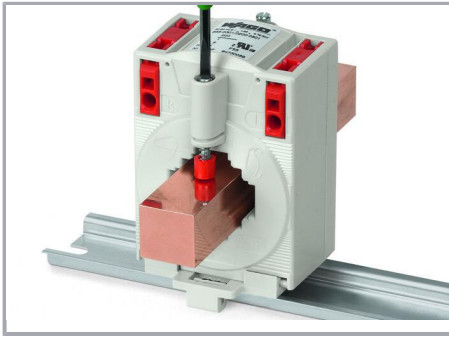
Conductor termination – screwdriver actuation parallel to conductor entry

Installation

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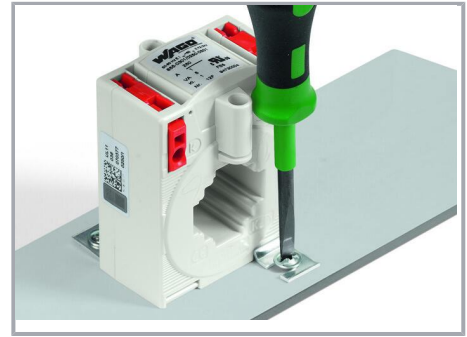
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Installation on copper current bar



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!