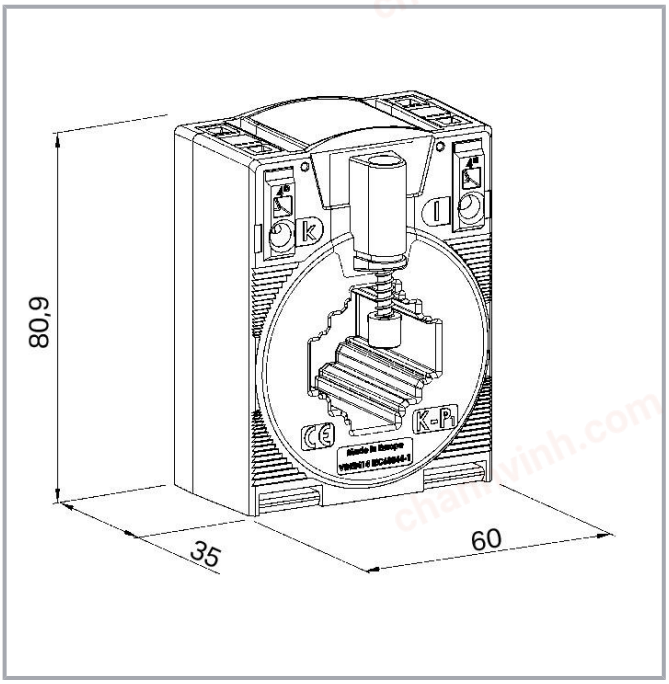
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Data sheet | Item number: 855-301/200-501

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



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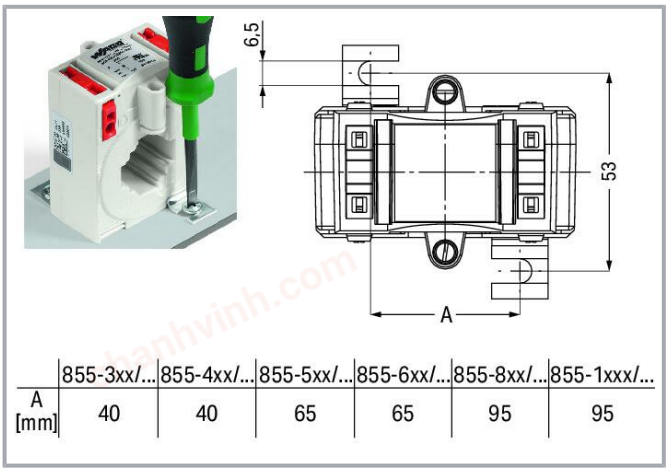
Subject to changes. Please also observe the further product documentation!

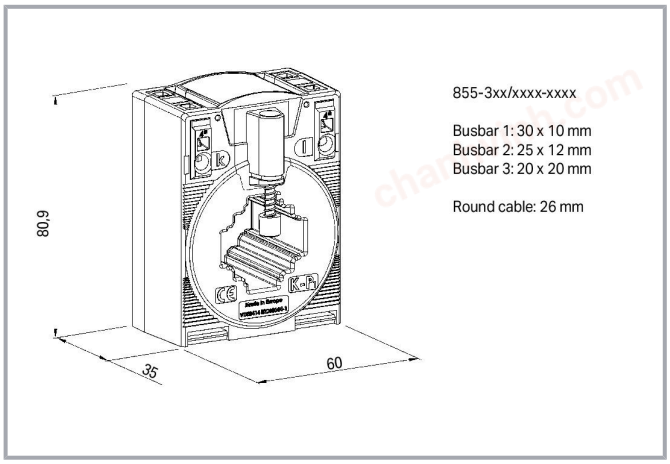
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Data sheet | Item number: 855-301/200-501
www.wago.com/855-301/200-501





Item description

Short description:

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

Input – current transformer

Primary rated current	200 A
Rated continuous thermal current I_{cth}	1.2 x I_N
Rated short-time thermal current I_{th}	60 x I_N / 1 s (max. 100 kA / 1 s)
Overcurrent limiting factor	FS5 / FS10 (type dependent; see type plate inscription)

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Rated frequency	50 … 60 Hz

Output – current transformer

Secondary rated current	1 A
Rated power S_r	5 VA

Measurement error

Accuracy class	1

Safety and protection

Highest voltage for equipment U_m	AC 1.2 kV_{rms}

Test voltage

Test voltage	AC 6 kV; 50 Hz; 1 min

Connection data

Connection technology	CAGE CLAMP®
Solid conductor	0.08 … 4 mm² / 28 … 12 AWG
Fine-stranded conductor	0.08 … 4 mm² / 28 … 12 AWG
Strip length	9 … 10 mm / 0.35 … 0.39 inch

Physical data

Width	60 mm / 2.362 inch
Height	80.9 mm / 3.185 inch
Depth	52 mm / 2.047 inch

Mechanical data

Mounting type	Closed current transformer Installation on mounting plate Mounting on DIN-rail via DIN-rail adapter Mounting on round cable

Material data

Insulation class	E
Weight	230 g

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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	4050821616894
Customs tariff number	85043129900

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011,TP TC 020/2011	EAC RU C-DE.AM02.B.00111/19

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	C51.13	E356480

Optional accessories

Tool

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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

855-301/200-501 X81 - Datei	19-Feb-2019	xml 5.1 kB	Download
855-301/200-501 doc - Datei	05-Feb-2015	doc 31.7 kB	Download

Instruction Leaflet

Aufsteck-Stromwandler		pdf 1.5 MB	Download

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download

Engineering-Software

Software for Interface-Products

WAGO Interface Configuration Software G2 SMALL The full setup only includes the WAGO Interface Configuration Software G2.	1.0.7.9 08-Apr-2021	exe 30.0 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.	1.0.7.9 08-Apr-2021	exe 114.0 MB	Download

CAD/CAE-Data

CAE data

EPLAN Data Portal 855-301/200-501	URL	Download
WSCAD Universe 855-301/200-501	URL	Download

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ZUKEN Portal 855-301/200-501	URL	Download
WSCAD Universe 855-301/200-501	URL	Download
EPLAN Data Portal 855-301/200-501	URL	Download

CAD data

2D/3D Models 855-301/200-501	URL	Download

Environmental Product Compliance

Compliance Search

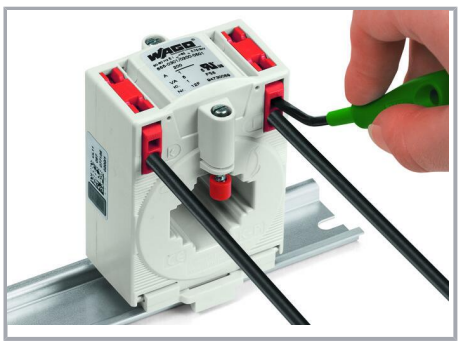
Environmental Product Compliance 855-301/200-501 Plug-in current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1	URL	Download

Installation Notes

Conductor termination



Conductor termination – screwdriver actuation perpendicular to conductor entry



Conductor termination – screwdriver actuation parallel to conductor entry

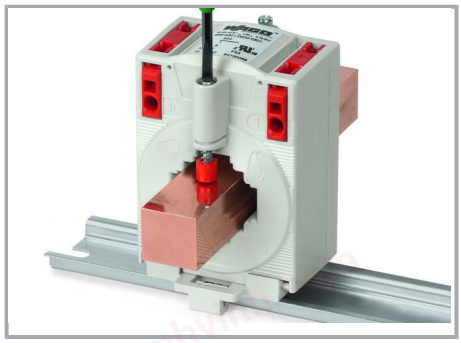
Installation

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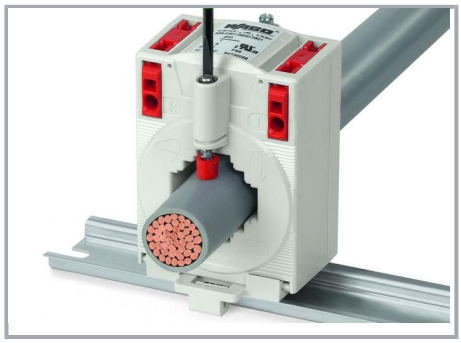
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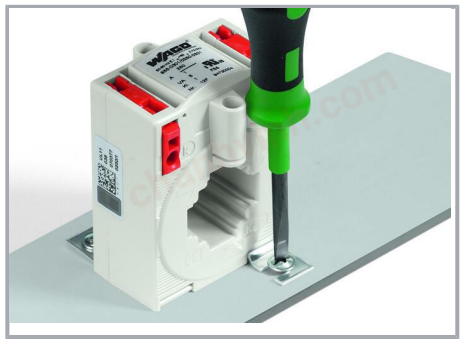
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Installation on copper current bar



Installation on round cable



Installation on mounting plate



Mounting on DIN-rail via 855-9900 DIN-Rail Adapter



Installation via 855-9910 Quick-Mount Kit

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