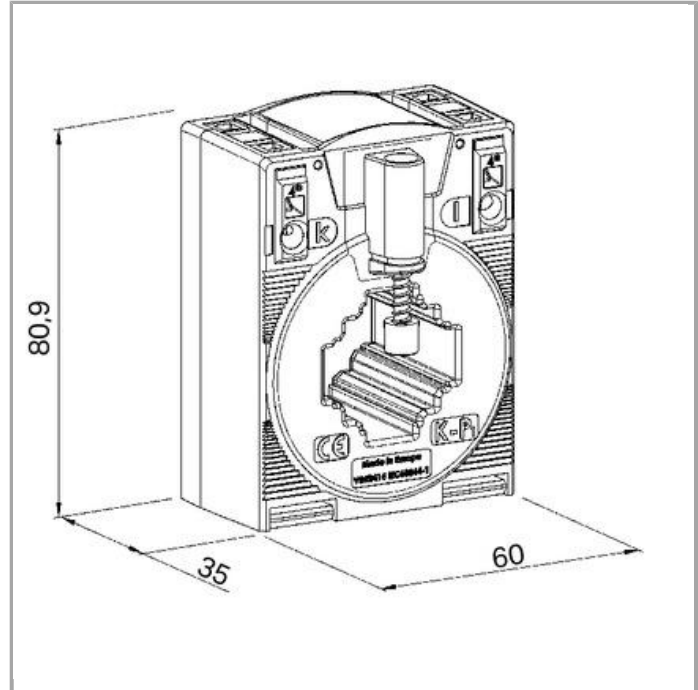


## Data sheet | Item number: 855-301/200-501

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](http://www.wago.com/855-301/200-501)



### Item description

#### Short description:

The 855 Series Plug-In Current Transformers 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
- Can be used in 690 V power networks
- UL recognized components

## Data

### Technical Data

#### Input – current transformer

Primary rated current	200 A
Rated continuous thermal current $I_{cth}$	$1.2 \times I_N$
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

#### Output – Current transformer

Secondary rated current	1 A
Rated power $S_r$	5 VA
Highest voltage for equipment $U_m$	$1.2 \text{ kV}_{rms} \text{ AC}$

#### Measurement error

Accuracy class	1
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#### Safety and protection:

Test voltage	6 kV AC; 50Hz; 1min
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#### Connection data

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

#### Geometrical Data

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

#### Mechanical data

Type of mounting	Current transformers (closed) Secured to mounting plate Mounting on carrier rail via carrier rail adapter Mounting on round cable
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## Material Data

Insulation class	E
Weight	230 g

## Environmental Requirements

Surrounding air (operating) temperature	-5 ... 50 °C
Surrounding air (storage) temperature	-25 ... 70 °C
Max. operating altitude	1000 m

## Standards and specifications


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

## Commercial data

Country of origin	DE
GTIN	4050821616894
Customs Tariff No.	85043129900






## Approvals / Certificates

### UL-Approvals

Logo	Approval	Certificate name
	UL UL Multiple Listings Project Handler	E356480

## Compatible products

### General accessories

	<b>Item no.: 2007-8873</b> Compact terminal block; for current and voltage transformers	<a href="http://www.wago.com/2007-8873">www.wago.com/2007-8873</a>
	<b>Item no.: 2007-8874</b> Compact terminal block; for current and voltage transformers	<a href="http://www.wago.com/2007-8874">www.wago.com/2007-8874</a>
	<b>Item no.: 2007-8875</b> Compact terminal block; for current transformer circuit	<a href="http://www.wago.com/2007-8875">www.wago.com/2007-8875</a>
	<b>Item no.: 2007-8876</b> Compact terminal block; for 3-phase current transformer circuit	<a href="http://www.wago.com/2007-8876">www.wago.com/2007-8876</a>
	<b>Item no.: 2007-8877</b> Compact terminal block; for current transformer circuit	<a href="http://www.wago.com/2007-8877">www.wago.com/2007-8877</a>



**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

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

**tools**



**Item no.: 210-720**

Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

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

**assembling**



**Item no.: 855-9900**

Carrier rail adapter

[www.wago.com/855-9900](http://www.wago.com/855-9900)



**Item no.: 855-9910**

Quick-mount kit

[www.wago.com/855-9910](http://www.wago.com/855-9910)

**Downloads**

**Documentation**

**Instruction Leaflet**

Bushing Type Current Transformer	Mar 16, 2015	PDF 1.5 MB	Download
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**Additional Information**

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	265.8 kB	Download
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**Engineering-Software**

**Software for Interface-Products**

Interface Configuration Software FULL The full setup, in addition to the WAGO Interface Configuration Software, includes the installation for the Microsoft .NET Framework.	1.5.4.6 Jan 8, 2018	EXE 96.5 MB	Download
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Interface Configuration Software SMALL The full setup only includes the WAGO Interface Configuration Software.	1.5.4.6 Jan 8, 2018	EXE 46.0 MB	Download
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**smartDATA**

**CAD data**

3D Download 855-301/200-501	URL	Download
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Subject to changes.

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