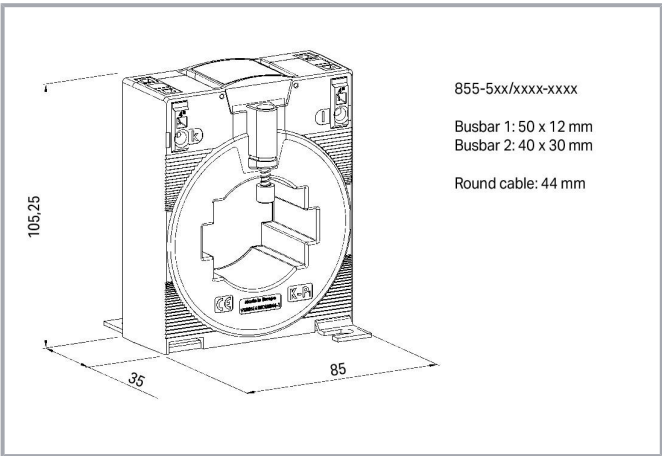
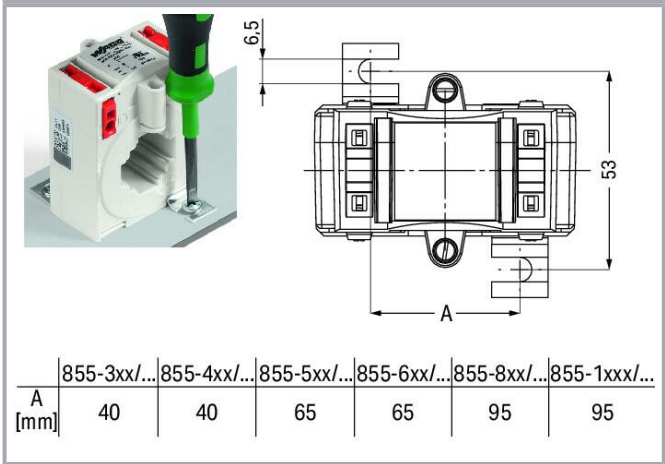
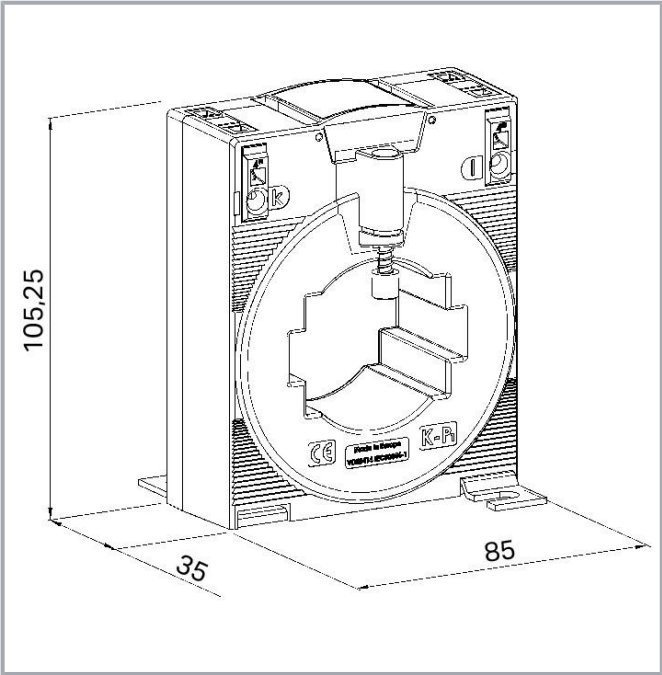




Picture differs from the item.



## Item description

Short description:

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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

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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

#### Input – current transformer

Primary rated current	400 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	5 A
Rated power $S_r$	10 VA

#### Measurement error

Accuracy class	1
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#### Safety and protection

Highest voltage for equipment $U_m$	AC 1.2 kV <sub>rms</sub>
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Subject to changes. Please also observe the further product documentation!



## Test voltage

Test voltage	AC 6 kV; 50 Hz; 1 min
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## 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	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	366 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

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## Commercial data

Packaging type	BOX
Country of origin	HU
GTIN	4050821845881
Customs tariff number	8504314065

## Approvals / Certificates

### UL-Approvals








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

## Optional accessories

### Mounting

	Item no.: 855-9910 Quick-mount kit	<a href="http://www.wago.com/855-9910">www.wago.com/855-9910</a>
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### General accessories

	Item no.: 2007-8873 Compact terminal block; for current and voltage transformers; 6,00 mm <sup>2</sup> ; multicoloured	<a href="http://www.wago.com/2007-8873">www.wago.com/2007-8873</a>
	Item no.: 2007-8874 Compact terminal block; for current and voltage transformers; 6,00 mm <sup>2</sup> ; multicoloured	<a href="http://www.wago.com/2007-8874">www.wago.com/2007-8874</a>
	Item no.: 2007-8875 Compact terminal block; for current transformer circuit; 6,00 mm <sup>2</sup> ; multicoloured	<a href="http://www.wago.com/2007-8875">www.wago.com/2007-8875</a>
	Item no.: 2007-8876 Compact terminal block; for 3-phase current transformer circuit; 6,00 mm <sup>2</sup> ; multicoloured	<a href="http://www.wago.com/2007-8876">www.wago.com/2007-8876</a>
	Item no.: 2007-8877 Compact terminal block; for current transformer circuit; 6,00 mm <sup>2</sup> ; multicoloured	<a href="http://www.wago.com/2007-8877">www.wago.com/2007-8877</a>
	Item no.: 2857-570/024-005 3-Phase Power Measurement Module; 3x400/690 V/5 A; Modbus RTU; Digital output; Configuration via software; Supply voltage: 24 VDC	<a href="http://www.wago.com/2857-570/024-005">www.wago.com/2857-570/024-005</a>
	Item no.: 857-550 JUMPFLEX® signal conditioner; current; 0 ... 1 A AC, 0 ... 5 A DC; configurable	<a href="http://www.wago.com/857-550">www.wago.com/857-550</a>
	Item no.: 857-551	

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

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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](http://www.wago.com/857-551)



**Item no.: 857-569**  
JUMPFLEX® signal conditioner; power; configurable; with digital output

[www.wago.com/857-569](http://www.wago.com/857-569)

#### Tools



**Item no.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

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

## Downloads

### Documentation

#### 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	1.0.6.18	exe	Download
The full setup, in addition to the WAGO Interface Configuration Software G2, includes the installation for the Microsoft .NET Framework.	Apr 8, 2021	113.9 MB	

WAGO Interface Configuration Software G2 SMALL	1.0.6.18	exe	Download
The full setup only includes the WAGO Interface Configuration Software G2.	Apr 8, 2021	30.0 MB	

## CAD files

### CAD data

2D/3D Models 855-505/400-1001	URL	Download
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### CAE data

EPLAN Data Portal 855-505/400-1001	URL	Download
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EPLAN Data Portal 855-505/400-1001	URL	Download
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ZUKEN Portal 855-505/400-1001	URL	Download
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Subject to changes. Please also observe the further product documentation!

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 855-505/400-1001

URL

Download

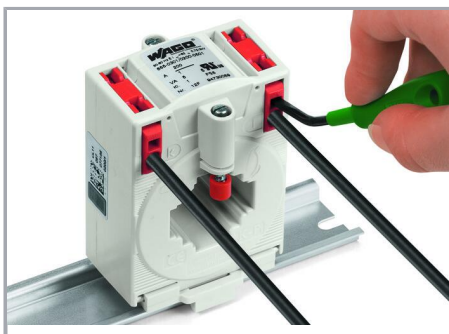
Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 5 A; Rated power: 10 VA; Accuracy class: 1

## Installation Notes

### Conductor termination

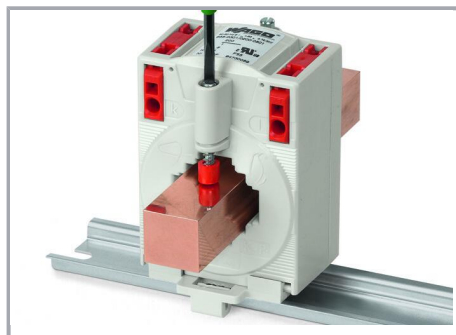


Conductor termination – screwdriver actuation perpendicular to conductor entry

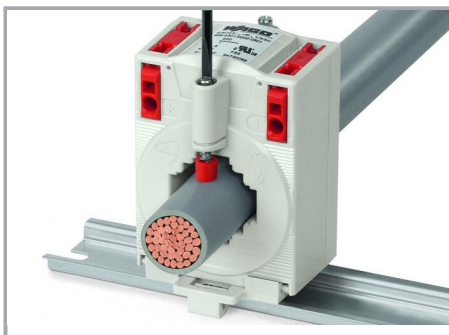


Conductor termination – screwdriver actuation parallel to conductor entry

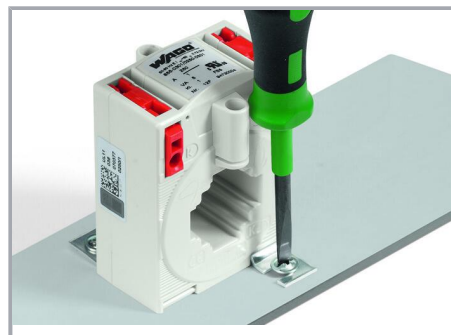
### Installation



Installation on copper current bar



Installation on round cable



Installation on mounting plate

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

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Installation via 855-9910 Quick-Mount Kit

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