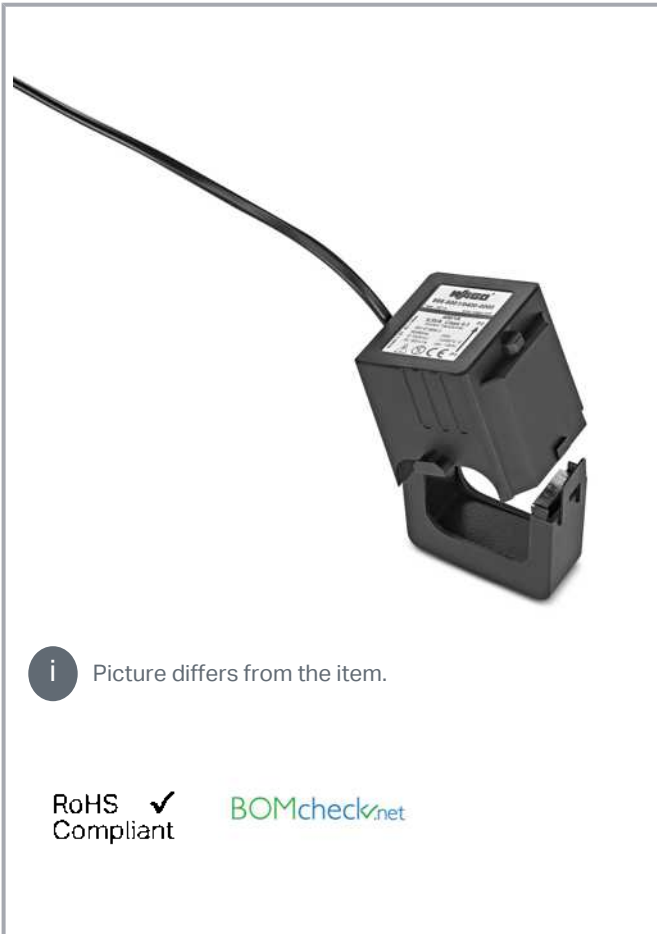


Data sheet | Item number: 855-5105/500-001

Split-core current transformer; Primary rated current: 500 A; Secondary rated current: 5 A; Rated power: 0.5 VA; Accuracy class: 1

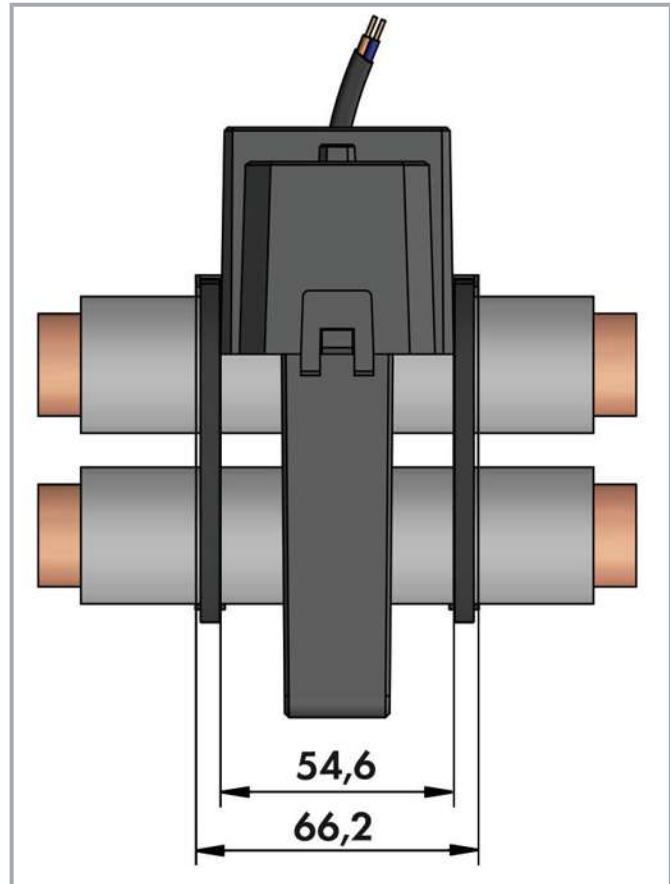
www.wago.com/855-5105_500-001



 Picture differs from the item.

RoHS 
Compliant

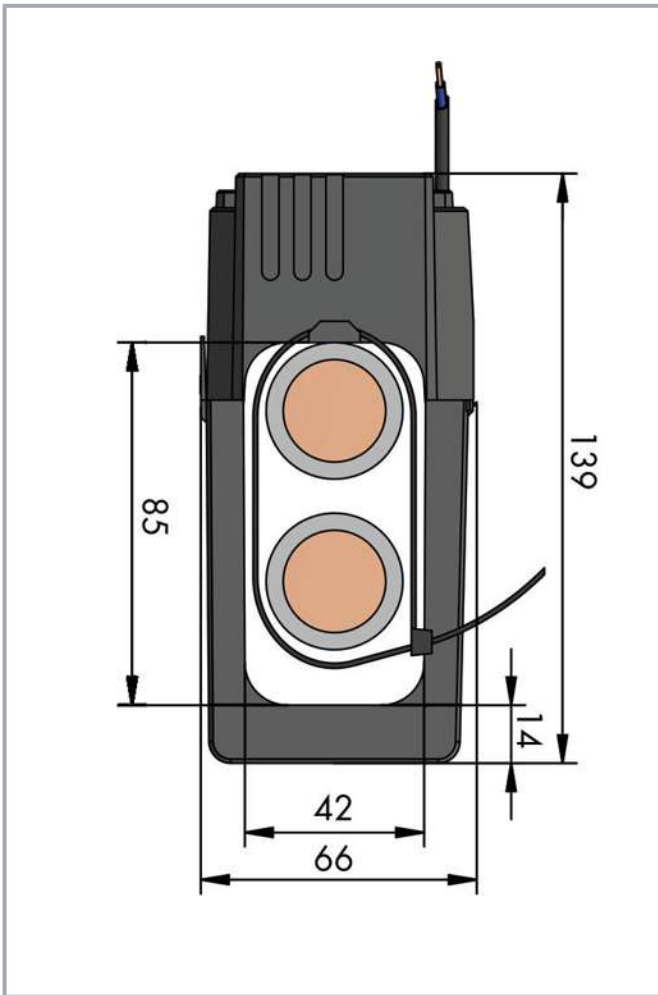
[BOMcheck.net](https://www.bomcheck.net)



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 | Web: www.wago.us

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Item description

Short description:

WAGO's compact split-core current transformers are ideal for retrofitting existing systems. They are perfect for applications in which the current path must not be disrupted.

The transformer's accuracy permits extremely precise current measurements. The split-core current transformers are capable of supplying the specified rated power at the end of the secondary cable. All transformers are supplied with color-coded cables. Two UV-resistant cable ties are also included for secure and easy mounting.

Features:

- Current ratios from 500 A (primary side) and 5 A (secondary side)
- No measuring cable interruption
- Ideal for use in very confined spaces

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- Rapid mounting
- For use around insulated cables up to 42 mm diameter
- Compact and hinged
- Color-coded connecting cable 3 m

Data

Technical data

Input – current transformer

Primary rated current	500 A
Rated continuous thermal current I_{cth}	100 %
Rated short-time thermal current I_{th}	$60 \times I_N / 1 \text{ s}$
Rated surge current I_{dyn}	$2.5 \times I_{th}$
Rated frequency	50 ... 60 Hz

Output – current transformer

Secondary rated current	5 A
Rated power S_r	0.5 VA

Measurement error

Accuracy class	1
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Safety and protection

Highest voltage for equipment U_m	AC 720 V _{rms}
Protection type	IP20

Test voltage

Test voltage	AC 3 kV; 50 Hz; 1 min
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Connection data

Feedthrough for measurement conductor	2 x Ø 42 mm
Cable type	2 x 1.5 mm ² ; fine-stranded
Color code	black = S1; red = S2

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Physical data

Cable length	3 m
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Mechanical data

Mounting type	Split-core current transformer (suspended)
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Material data

Insulation class	E
Flammability class per UL94	V2
Housing material	PA 66
Weight	600 g

Environmental requirements

Surrounding air temperature (operation)	-10 ... 55 °C
Surrounding air temperature (storage)	-20 ... 70 °C
Relative humidity	5 ... 85 % (without condensation)
Operating altitude (max.)	2000 m

Standards and specifications

Conformity marking	CE
Standards/Specifications	EN 61869-1; EN 61869-2

Commercial data

Packaging type	BOX
Country of origin	NL
GTIN	4055143950848
Customs tariff number	8504312000

Compatible products

General accessories



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

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

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**Bid Text**

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docx - Datei		docx 16.2 kB	Download

Instruction Leaflet

Kabelumbau-Stromwandler	V 1.1.0 2020 Jan 15	pdf 832.5 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.	1.0.5.03 2020 Sep 14	exe 113.7 MB	Download
WAGO Interface Configuration Software G2 SMALL The full setup only includes the WAGO Interface Configuration Software G2.	1.0.5.03 2020 Sep 14	exe 29.8 MB	Download

Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 855-5105/500-001 Split-core current transformer; Primary rated current: 500 A; Secondary rated current: 5 A; Rated power: 0.5 VA; Accuracy class: 1	URL	Download
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Installation Notes**Installation**

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Simple termination!



Quick and easy mounting!



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