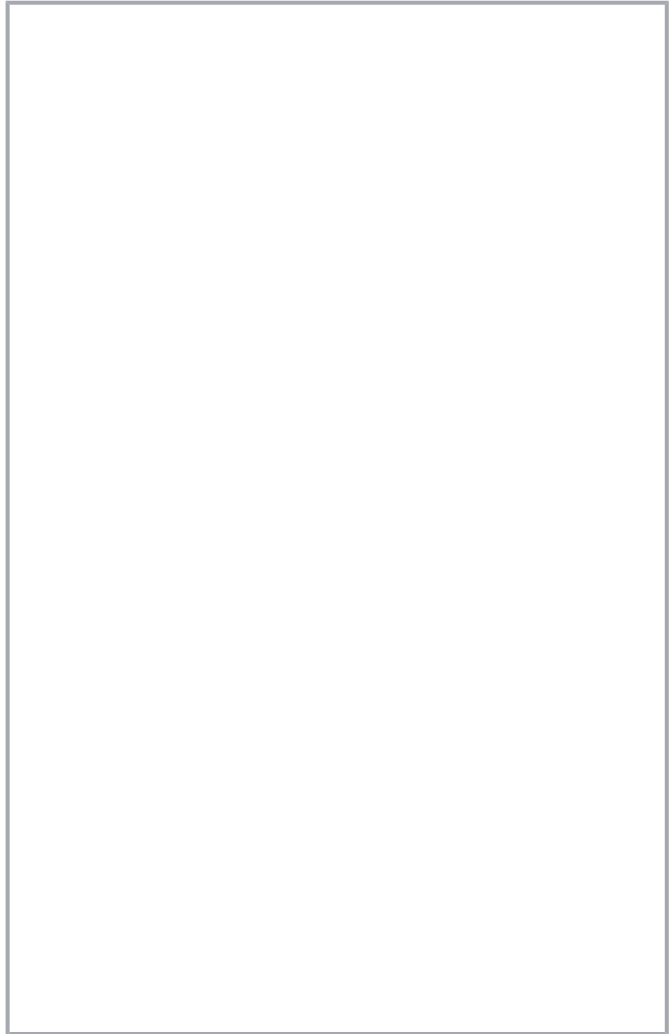
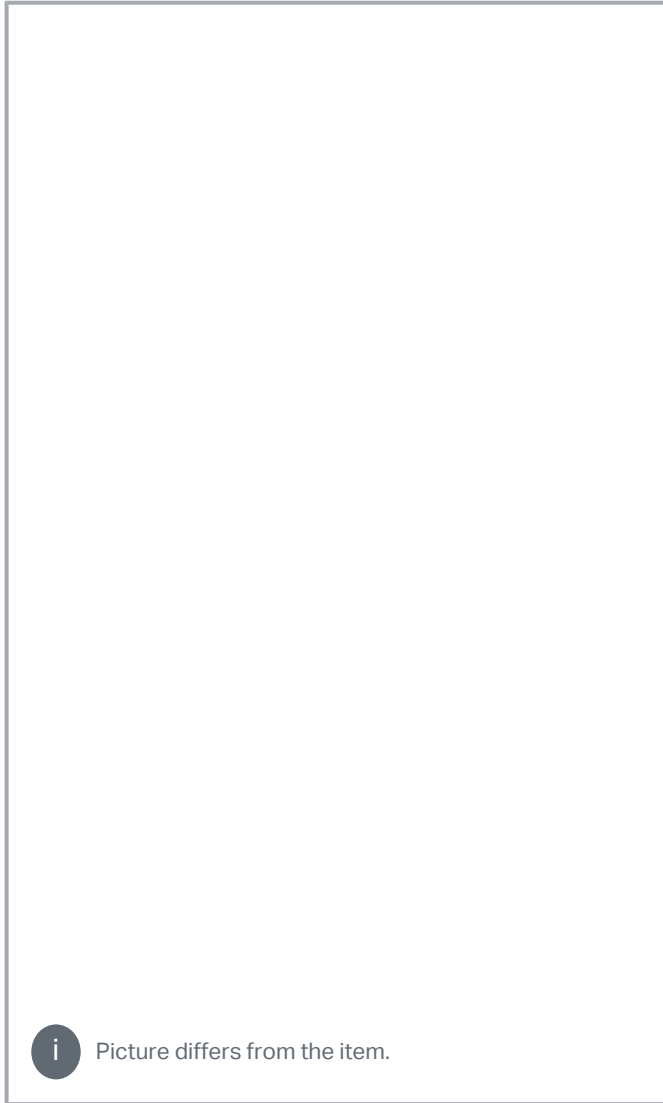


Data sheet | Item number: 855-5005/400-001

Split-core current transformer; Primary rated current: 400 A; Secondary rated current: 5 A; Rated power: 0.5 VA; Accuracy class: 1; Cable length: 3 m

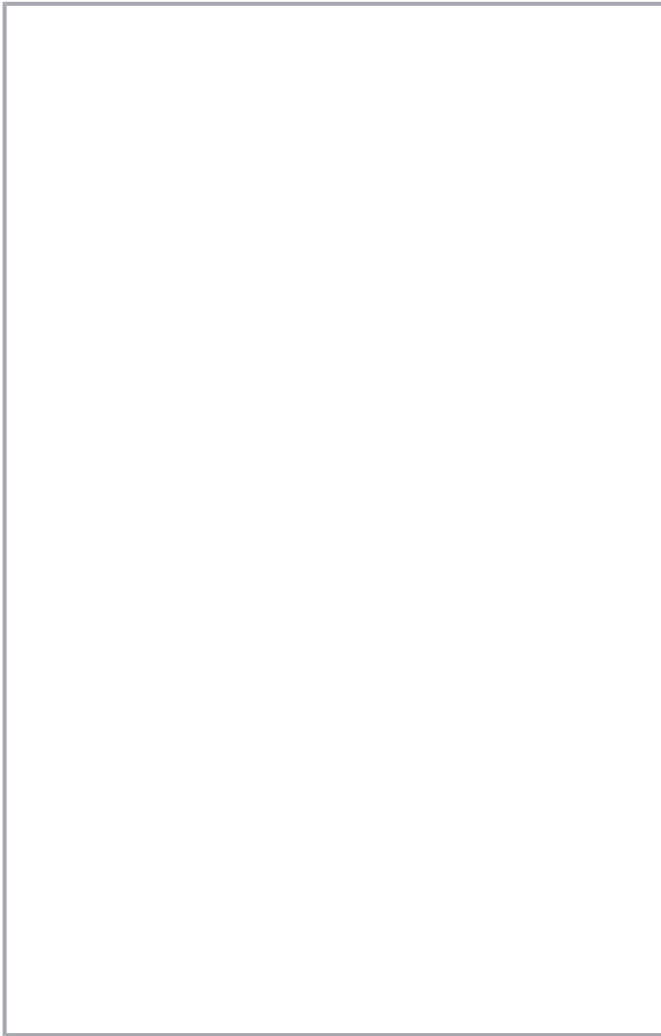
www.wago.com/855-5005/400-001



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

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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 400 A (primary side) and 5 A (secondary side)
- No primary cable interruption
- Ideal for use in very confined spaces

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



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

Data

Technical data

Input

Measured variable	Current
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Input – current transformer

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
Primary rated current	400 A

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

Protection type	IP20
Test voltage	AC 3 kV; 50 Hz; 1 min
Highest voltage for equipment U_m	AC 720 V _{rms}

Connection data

Feedthrough for measurement conductor	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

Weight	525.6 g
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Environmental requirements

Ambient temperature (operation)	-10 ... +55 °C
Ambient 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

Product Group	29 (INTERFACE ELECTRONIC (NET))
eCl@ss 10.0	27-21-09-02
eCl@ss 9.0	27-21-09-02
ETIM 8.0	EC002048
ETIM 7.0	EC002048
Recupel Type	
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	NL
Customs tariff number	8504318088

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General 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

Optional accessories

Signal conditioner

Power measurement module			
	Item no.: 2857-570/024-005 3-Phase Power Measurement Module; 3x277/480 V/5 A; Modbus RTU; Digital output; Configuration via software; Supply voltage: 24 VDC		www.wago.com/2857-570/024-005
Current signal conditioner			
	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; 2,50 mm ²		www.wago.com/857-550
	Item no.: 857-569 Power signal conditioner; Current and voltage input signal; Current and voltage output signal; Digital output; Configuration via software; Supply voltage: 24 VDC; 6 mm module width		www.wago.com/857-569
	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

Mounting

Current transformer terminal block			
	Item no.: 2007-8874 Compact terminal block; for current and voltage transformers; 6,00 mm ² ; multicoloured		www.wago.com/2007-8874
	Item no.: 2007-8877 Compact terminal block; for current transformer circuit; 6,00 mm ² ; multicoloured		www.wago.com/2007-8877
	Item no.: 2007-8875 Compact terminal block; for current transformer circuit; 6,00 mm ² ; multicoloured		www.wago.com/2007-8875
	Item no.: 2007-8876 Compact terminal block; for 3-phase current transformer circuit; 6,00 mm ² ; multicoloured		www.wago.com/2007-8876
	Item no.: 2007-8873 Compact terminal block; for current and voltage transformers; 6,00 mm ² ; multicoloured		www.wago.com/2007-8873

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Downloads

Documentation

Bid Text

855-5005/400-101 X81 - Datei	Feb 19, 2019	xml 5.3 kB	Download
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855-5005/400-101 doc - Datei	Sep 29, 2017	doc 32.3 kB	Download
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Instruction Leaflet

Kabelumbau-Stromwandler	V 1.1.0 Jan 15, 2020	pdf 832.5 kB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 Aug 18, 2022	pdf 2.2 MB	Download
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Engineering-Software

Configuration and Commissioning Software

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.	1.00.10.01 Jan 20, 2022	exe 114.9 MB	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 855-5005/400-001 Split-core current transformer; Primary rated current: 400 A; Secondary rated current: 5 A; Rated power: 0.5 VA; Accuracy class: 1; Cable length: 3 m	URL	Download
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Installation Notes

Installation

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Simple termination!



Quick and easy mounting!



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