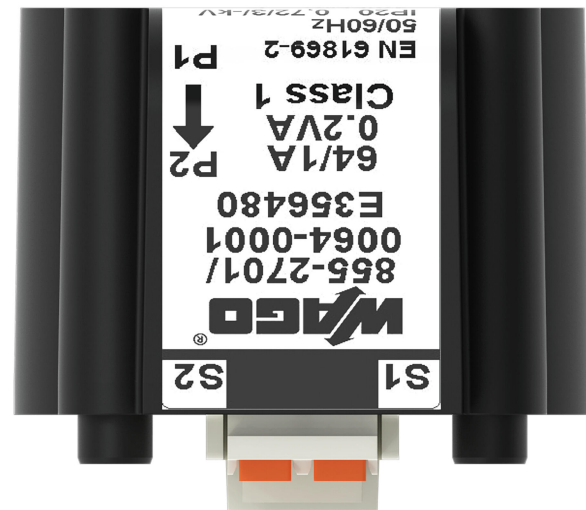


Data sheet | Item number: 855-2701/064-001

Plug-in current transformer; Primary rated current: 64 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1

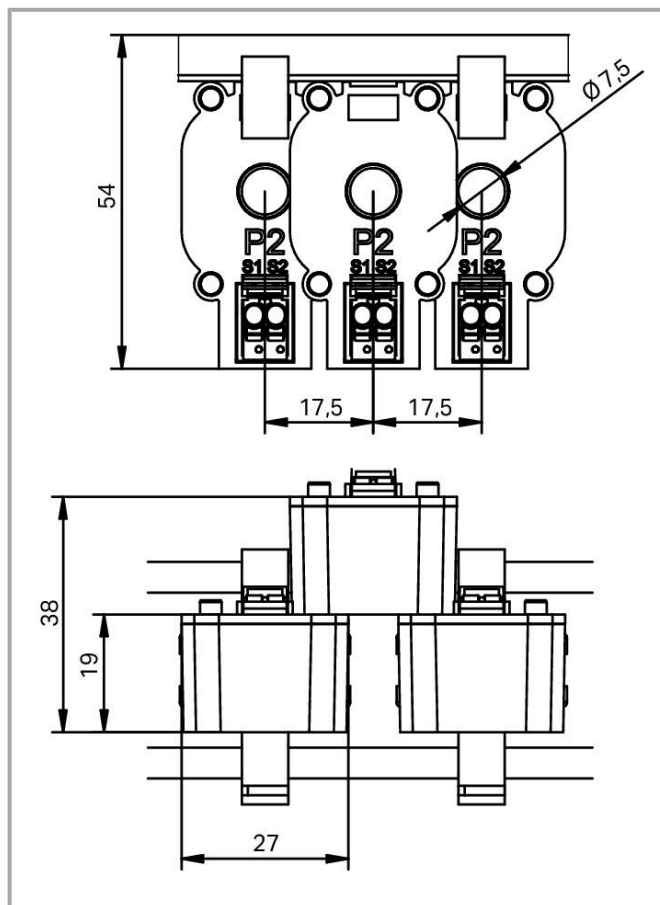
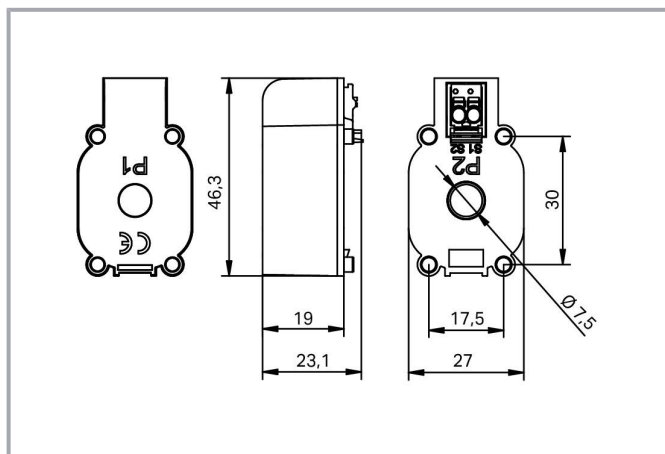
www.wago.com/855-2701/064-001



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

WAGO GmbH & Co. KG
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Phone: +49571 887-0 | Fax: +49571 887-169
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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Item description

Short description:

WAGO's plug-in current transformers (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:

- All-new design with *picoMAX*[®] connection technology
- Ready for space-restricted applications
- Simple assembly permits 17.5 mm phase spacing, allowing perfect adjustment to any circuit breaker.
- Easily mount on DIN-rail or panels via DIN-rail adapter (855-9927)
- Convert current from 64 A or 35 A to 1 A
- Accuracy class: 1

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

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Data

Technical data

Input Current Transformers

Primary rated current	64 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	1 A
Rated power S_r	0.2 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

Connection technology	Push-in CAGE CLAMP®
WAGO connector	<i>picoMAX</i> ® 3.5, 2091-1122
Solid conductor	0.2 ... 1.5 mm ² / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 1.5 mm ² / 24 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Feedthrough for measurement conductor	Ø 7.5 mm

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



Physical data

Width	27 mm / 1.063 inches
Height	46 mm / 1.811 inches
Depth	23 mm / 0.906 inches

Mechanical Data

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

Material Data

Insulation class	E
Flammability class per UL94	V2
Housing material	PA 66
Weight	44 g

Environmental requirements

Ambient temperature (operation at U_N)	-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 UL

Commercial data

eCl@ss 10.0	27-21-09-02
eCl@ss 9.0	27-21-09-02
ETIM 8.0	EC002048
ETIM 7.0	EC002048
PU (SPU)	15 (1) pcs
Packaging type	box

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

Country of origin	NL
GTIN	4050821864189
Customs tariff number	85043129900

Approvals / Certificates

General approvals

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

Optional accessories

Signal conditioner

Power measurement module



Item no.: 2857-570/024-001

3-Phase Power Measurement Module; 3x277/480 V/1 A; Modbus RTU; Digital output; Configuration via software; Supply voltage: 24 VDC

www.wago.com/2857-570/024-001

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 mm²

www.wago.com/857-550

Mounting adapter

DIN-rail adapter



Item no.: 855-9927

Carrier rail adapter

www.wago.com/855-9927

Mounting

Current transformer terminal block



Item no.: 2007-8874

Compact terminal block; for current and voltage transformers; 6,00 mm²; multicoloured

www.wago.com/2007-8874



Item no.: 2007-8877

Compact terminal block; for current transformer circuit; 6,00 mm²; multicoloured

www.wago.com/2007-8877

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

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**Item no.: 2007-8875**Compact terminal block; for current transformer circuit; 6,00 mm²; multicolouredwww.wago.com/2007-8875**Item no.: 2007-8876**Compact terminal block; for 3-phase current transformer circuit; 6,00 mm²; multicolouredwww.wago.com/2007-8876**Item no.: 2007-8873**Compact terminal block; for current and voltage transformers; 6,00 mm²; multicolouredwww.wago.com/2007-8873**Tool**

Operating tool

**Item no.: 210-719**

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

www.wago.com/210-719**Downloads****Documentation****Bid Text**

Item	Date	File	Size	Action
855-2701/064-001	Feb 19, 2019	xml	5.3 kB	Download
X81 - Datei				

855-2701/064-001	Jul 21, 2015	doc	31.7 kB	Download
doc - Datei				

Instruction Leaflet

Aufsteck-Stromwandler mit picoMAX - Steckverbinder		pdf	328.4 kB	Download
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Additional Information

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

Engineering-Software**Configuration and Commissioning Software**

WAGO Interface Configuration Software G2 FULL	1.0.8.6	exe	Download
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Subject to changes. Please also observe the further product documentation!

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The full setup, in addition to the WAGO Interface Configuration Software G2, includes the installation for the Microsoft .NET Framework.

Jan 20, 2022

114.0 MB

WAGO Interface Configuration Software G2 SMALL

1.0.8.6

exe

Download

The full setup only includes the WAGO Interface Configuration Software G2.

Jan 20, 2022

30.0 MB

CAD/CAE-Data

CAE data

EPLAN Data Portal 855-2701/064-001

URL

Download

WSCAD Universe 855-2701/064-001

URL

Download

EPLAN Data Portal 855-2701/064-001

URL

Download

WSCAD Universe 855-2701/064-001

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ZUKEN Portal 855-2701/064-001

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CAD data

2D/3D Models 855-2701/064-001

URL

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Compliance Search

Environmental Product Compliance 855-2701/064-001

URL

Download

Plug-in current transformer; Primary rated current: 64 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1

Installation Notes

Conductor termination

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

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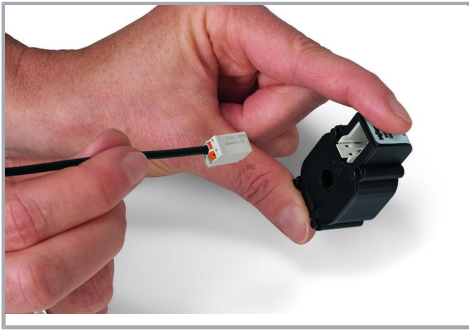
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Push-in termination of solid conductors and fine-stranded conductors with ferrules



Universal connection for fine-stranded conductors

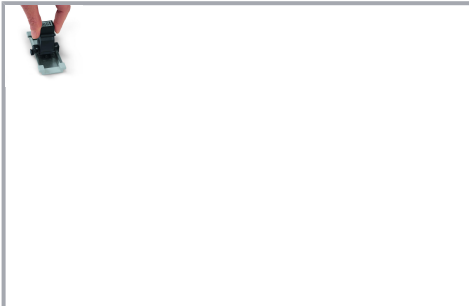
Installation



Just slide together.



To save space, mount directly above the circuit breaker.



Mounting on DIN-rail via 855-9927 DIN-Rail Adapter

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