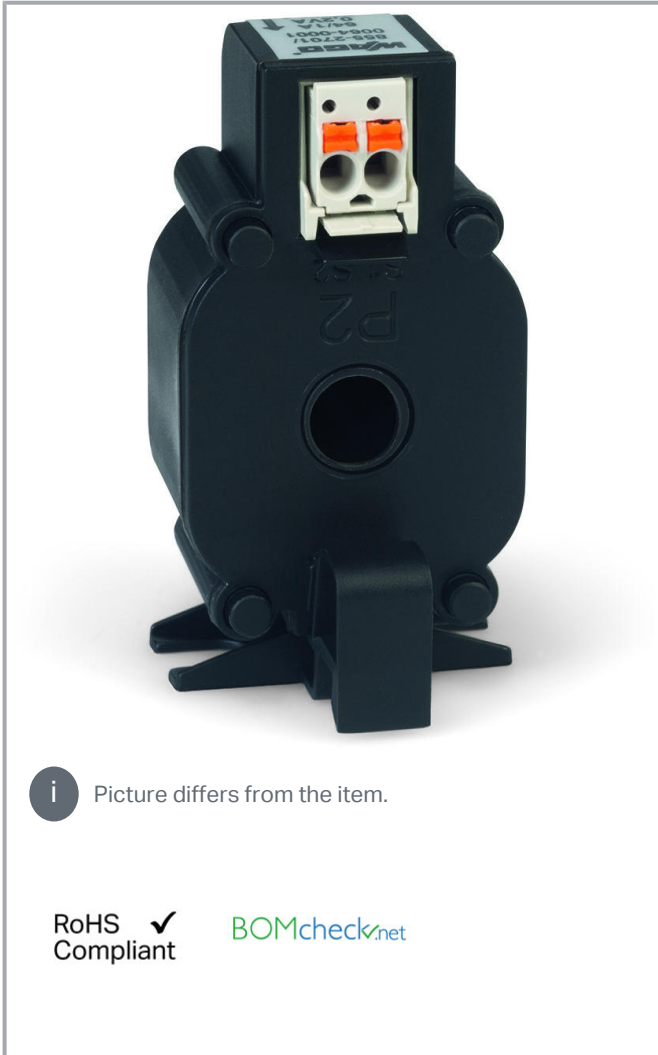


Data sheet | Item number: 855-2701/035-001

Plug-in current transformer; Primary rated current: 35 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1



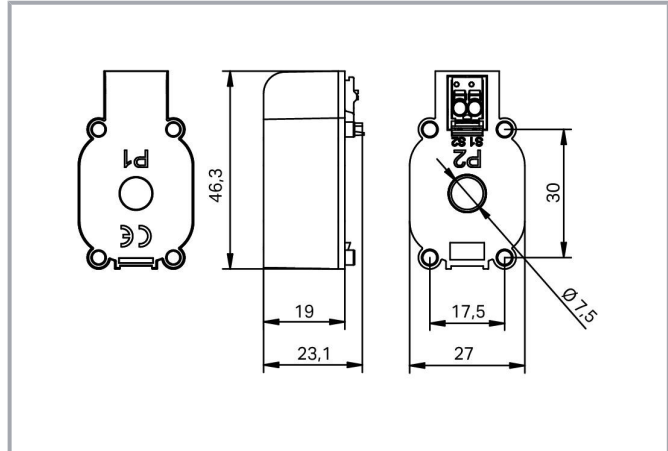
[www.wago.com/855-2701\\_035-001](http://www.wago.com/855-2701_035-001)



 Picture differs from the item.

RoHS   
Compliant

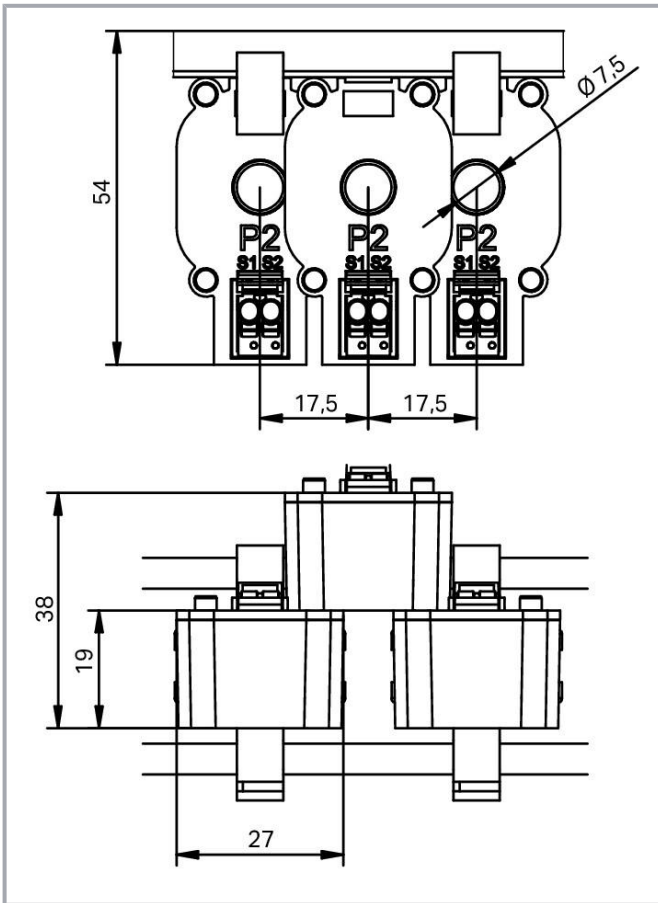




Subject to changes. Please also observe the further product documentation!

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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:

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:

- First current transformer with *picoMAX*<sup>®</sup> 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
- Converts current from 64 A or 35 A to 1 A
- Accuracy class: 1

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

## Data

### Technical data

#### Input – current transformer

Primary rated current	35 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 <sub>rms</sub>
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	picoMAX® 3.5, 2091-1122
Solid conductor	0.2 ... 1.5 mm <sup>2</sup> / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 1.5 mm <sup>2</sup> / 24 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
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 inch
Height	46 mm / 1.811 inch
Depth	23 mm / 0.906 inch

## Mechanical data

Mounting type	Closed current transformer Mounting on DIN-rail via DIN-rail adapter Mounting on round cable
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## Material data

Insulation class	E
Flammability class per UL94	V2
Housing material	PA 66
Weight	48.4 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; UL

## Commercial data

Packaging type	BOX
Country of origin	NL
GTIN	4050821864240
Customs tariff number	85043129900

## Approvals / Certificates

### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
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Subject to changes. Please also observe the further product documentation!












UL  
Underwriters Laboratories Inc.

E356480

## Compatible products

### General accessories

	<b>Item no.: 2007-8873</b> 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>
	<b>Item no.: 2007-8874</b> 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>
	<b>Item no.: 2007-8875</b> 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>
	<b>Item no.: 2007-8876</b> 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>
	<b>Item no.: 2007-8877</b> 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>
	<b>Item no.: 2857-570/024-001</b> 3-Phase Power Measurement Module; 3x400/690 V/1 A; Modbus RTU; Digital output; Configuration via software; Supply voltage: 24 VDC	<a href="http://www.wago.com/2857-570/024-001">www.wago.com/2857-570/024-001</a>
	<b>Item no.: 857-550</b> 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 <sup>2</sup>	<a href="http://www.wago.com/857-550">www.wago.com/857-550</a>
<b>assembling</b>		
	<b>Item no.: 855-9927</b> Carrier rail adapter	<a href="http://www.wago.com/855-9927">www.wago.com/855-9927</a>
<b>tools</b>		
	<b>Item no.: 210-719</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	<a href="http://www.wago.com/210-719">www.wago.com/210-719</a>

## Downloads

### Documentation

#### Bid Text

855-2701/035-001 doc - Datei	2015 Jul 21	doc 31.7 kB	Download
855-2701/035-001 X81 - Datei	2019 Feb 19	xml 5.3 kB	Download

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### Instruction Leaflet

Aufsteck-Stromwandler mit picoMAX - Steckverbinder		pdf 328.4 kB	Download
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### 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 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
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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
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### CAD/CAE-Data

#### CAE data

EPLAN Data Portal 855-2701/035-001		URL	Download
WSCAD Universe 855-2701/035-001		URL	Download
EPLAN Data Portal 855-2701/035-001		URL	Download
WSCAD Universe 855-2701/035-001		URL	Download

### Environmental Product Compliance

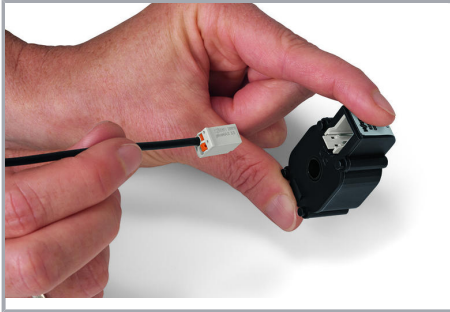
#### Compliance Search

Environmental Product Compliance 855-2701/035-001 Plug-in current transformer; Primary rated current: 35 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1		URL	Download
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Subject to changes. Please also observe the further product documentation!

## Installation Notes

### Conductor termination



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

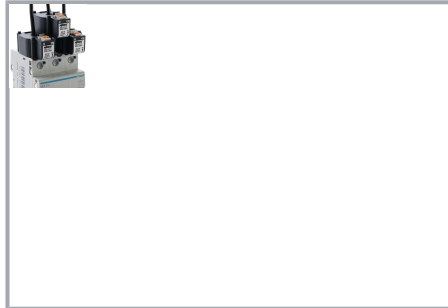


Universal connection for fine-stranded conductors

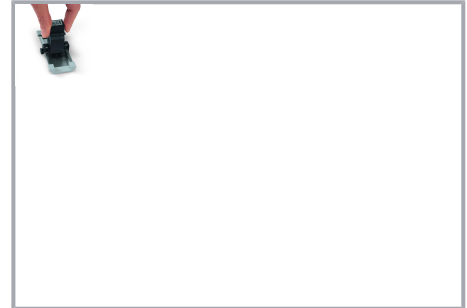
### Installation



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!