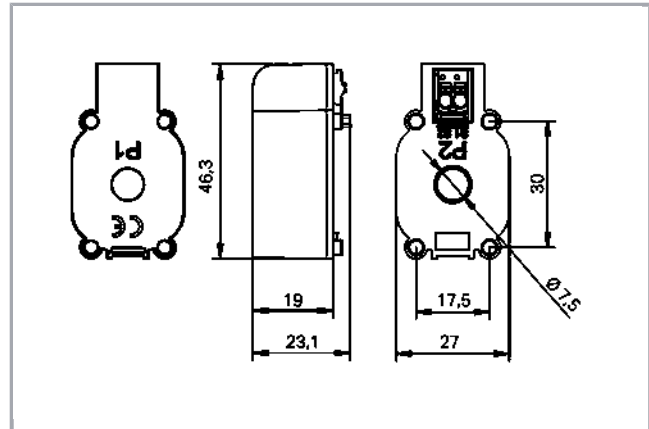


Data sheet | Item number: 855-2701/035-001

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



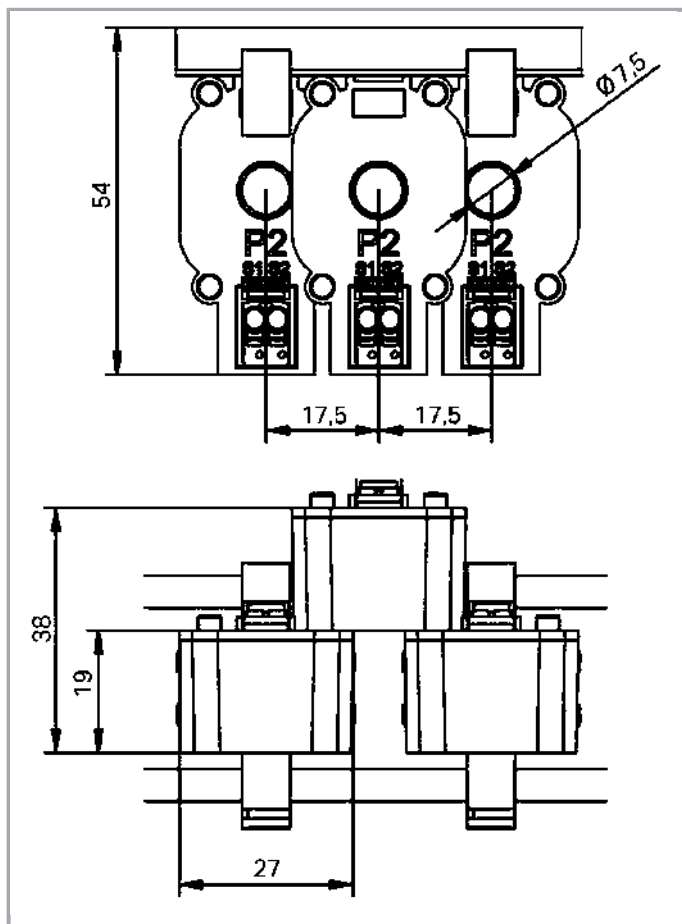
RoHS Compliant

BOMcheck.net

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

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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*[®] 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 _{rms}
Test voltage	AC 3 kV; 50 Hz; 1 min
Protection class	IP20

Connection data

Connection technology	Push-in CAGE CLAMP®
WAGO terminal	picoMAX® 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 inch
Feedthrough for measurement conductor	Ø 7.5 mm

Geometrical Data

Width	27 mm / 1.063 inch
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Subject to changes. Please also observe the further product documentation!



Height	46 mm / 1.811 inch
Depth	23 mm / 0.906 inch

Mechanical data

Type of mounting	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 (operating) temperature	-10 ... 55 °C
Surrounding air (storage) temperature	-20 ... 70 °C
Relative humidity	5 ... 85 % (without condensation)
Max. operating altitude	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 No.	85043180888

Approvals / Certificates

UL-Approvals










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

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

Counterpart

Compatible products

General accessories

	Item no.: 2007-8873 Compact terminal block; for current and voltage transformers; 6,00 mm ² ; multicoloured	www.wago.com/2007-8873
	Item no.: 2007-8874 Compact terminal block; for current and voltage transformers; 6,00 mm ² ; multicoloured	www.wago.com/2007-8874
	Item no.: 2007-8875 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.: 2007-8877 Compact terminal block; for current transformer circuit; 6,00 mm ² ; multicoloured	www.wago.com/2007-8877
	Item no.: 2857-570/024-001 3-Phase Power Measurement Module; 3x400/690 V/1 A; Modbus RTU; Digital output; Configuration via software; Supply voltage: 24 VDC	www.wago.com/2857-570/024-001
	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
assembling		
	Item no.: 855-9927 Carrier rail adapter	www.wago.com/855-9927
tools		
	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

855-2701/035-001	Jul 21, 2015	doc	Download
doc - Datei		31.7 kB	

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

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855-2701/035-001	Feb 19, 2019	xml	Download
GAEB X81 - Datei		5.3 kB	

Instruction Leaflet

Aufsteck-Stromwandler mit picoMAX - Steckverbinder		pdf	Download
		328.4 kB	

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	Download
		265.8 kB	

Engineering-Software

Software for Interface-Products

WAGO Interface Configuration Software SMALL	1.6.3.7	exe	Download
The full setup only includes the WAGO Interface Configuration Software.	Sep 17, 2019	48.0 MB	

WAGO Interface Configuration Software FULL	1.6.3.7	exe	Download
The full setup, in addition to the WAGO Interface Configuration Software, includes the installation for the Microsoft .NET Framework.	Sep 17, 2019	98.5 MB	

CAD/CAE-Data

CAE data

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

Installation Notes

Conductor termination

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Push-in termination of solid and ferruled conductors



Universal connection for fine-stranded conductors

Installation



Just slide together.



To save space, mount directly above circuit breaker.



Mounting on DIN-rail via carrier rail adapter 855-9927

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