

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

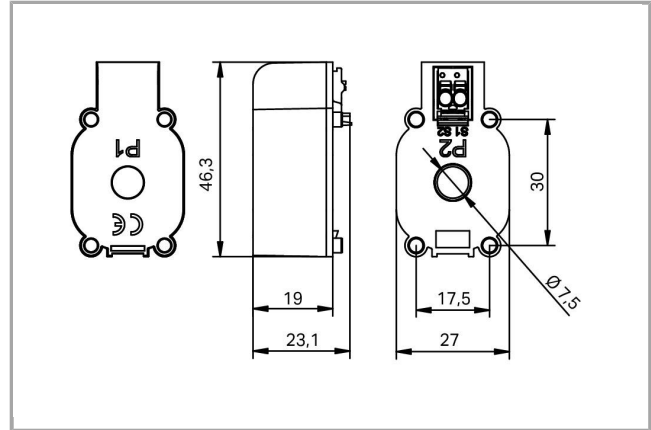


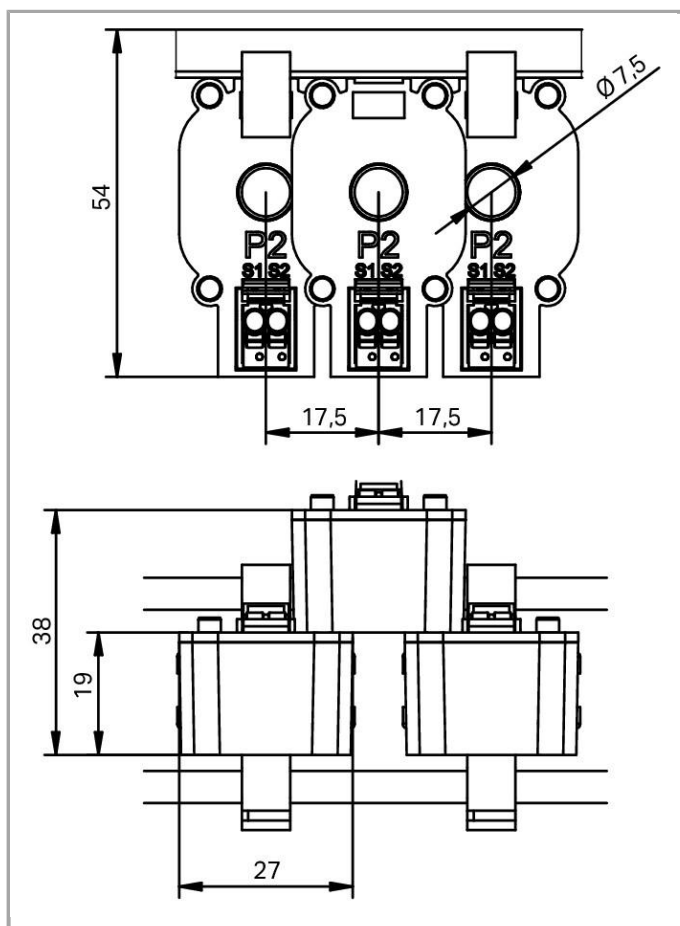
855-2701/064-001



RoHS Compliant

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Item description

Short description:

The 855 Series Plug-In Current Transformers 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 featuring *picoMAX*® connection technology
- Also suitable for space-restricted applications
- Simple assembly permits 17.5 mm phase spacing, allowing perfect adjustment to any circuit breaker.
- Easy mounting on DIN rails or panels via carrier rail adapter
- Converts currents from 64 A or 35 A to 1 A
- Accuracy class 1

Data

Technical Data

Input – current transformer

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

Highest voltage for equipment U_m	720 V _{rms} AC
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 mm² / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 1.5 mm² / 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
Height	46 mm / 1.811 inch
Depth	23 mm / 0.906 inch

Mechanical data

Type of mounting	Current transformers (closed) Mounting on carrier rail via carrier 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	44 g

Environmental Requirements

Surrounding air (operating) temperature	-10 ... 55 °C
Surrounding air (storage) temperature	-20 ... 70 °C
Relative humidity	5 ... 85 % (no condensation)
Max. operating altitude	2000 m

Standards and specifications

Conformity marking	CE
Standards/specifications	EN 61869-1; EN 61869-2; UL

Commercial data

Country of origin	NL
GTIN	4050821864189
Customs Tariff No.	85043180888

Approvals / Certificates

UL-Approvals

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

Compatible products

General accessories

	Item no.: 2007-8873 Compact terminal block; for current and voltage transformers	2007-8873
	Item no.: 2007-8874 Compact terminal block; for current and voltage transformers	2007-8874

	Item no.: 2007-8875 Compact terminal block; for current transformer circuit	2007-8875
	Item no.: 2007-8876 Compact terminal block; for 3-phase current transformer circuit	2007-8876
	Item no.: 2007-8877 Compact terminal block; for current transformer circuit	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	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	857-550
assembling		
	Item no.: 855-9927 Carrier rail adapter	855-9927
tools		
	Item no.: 210-719 Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm	210-719

Downloads

Documentation

Instruction Leaflet

Plug-In Current Transformers with picoMAX® Pluggable Connector	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

Interface Configuration Software FULL The full setup, in addition to the WAGO Interface Configuration Software, includes the installation for the Microsoft .NET Framework.	1.6.2.11 Jan 14, 2019	exe 97.5 MB	Download
Interface Configuration Software SMALL The full setup only includes the WAGO Interface Configuration Software.	1.6.2.11 Jan 14, 2019	exe 47.1 MB	Download



Subject to changes.
