

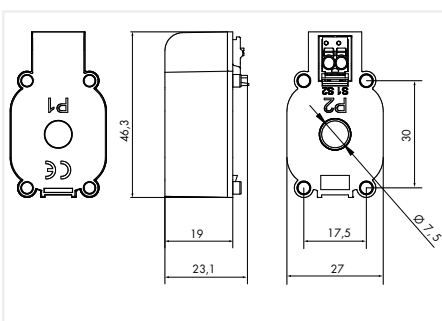
## Plug-In Current Transformer; with a *picoMAX*® Pluggable Connector

### 855 Series



Plug-In Current Transformer with *picoMAX*® Connection Technology; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1

Prim. Rated Current	Item No.	Pack. Unit
35 A	855-2701/035-001	15 (1)
64 A	855-2701/064-001	15 (1)



#### Short description:

WAGO's 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
- Also suitable for space-restricted applications
- Simple assembly permits 17.5 mm phase spacing, allowing perfect adjustment to any circuit breaker
- Easy mount on DIN-rail or panels via carrier rail adapter
- Converts current from 64 A or 35 A to 1 A
- Accuracy class: 1

#### Input – Current Transformer

Rated continuous thermal current $I_{cth}$	100 %
Rated short-time thermal current $I_{th}$	$60 \times I_{cth} / 1 \text{ s}$
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	0.2 VA

#### Measurement error

Accuracy class	1
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#### Safety and Protection

Test voltage	3 kVAC; 50 Hz; 1 min
Protection type	IP20
Highest voltage for equipment $U_m$	720 VAC

#### Connection Data

Connection technology	Push-in CAGE CLAMP®
WAGO Connector	<i>picoMAX</i> ® 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	7.5 mm Ø

#### Geometric Data

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

#### Mechanical Data

Mounting type	Current transformer (closed); Mounting on DIN-rail via carrier rail adapter; Mounting on round cable
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#### Material Data

Insulation class	E
Housing material	PA 66

#### Environmental Requirements

Surrounding air temperature (operation)	-10 ... +55 °C
Surrounding air temperature (storage)	-20 ... +70 °C
Relative humidity	5 ... 85 % (non-condensing)
Operating altitude (max.)	2000 m

#### Standards and Specifications

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

#### Accessories



Carrier rail adapter; for plug-in current transformer

Item No.	Pack. Unit
855-9927	1



Operating tool with a partially insulated shaft; Type 1; Blade: (2.5 x 0.4) mm

Item No.	Pack. Unit
210-719	1