

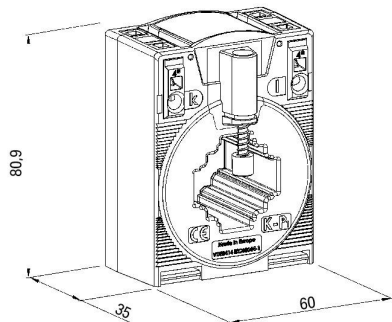
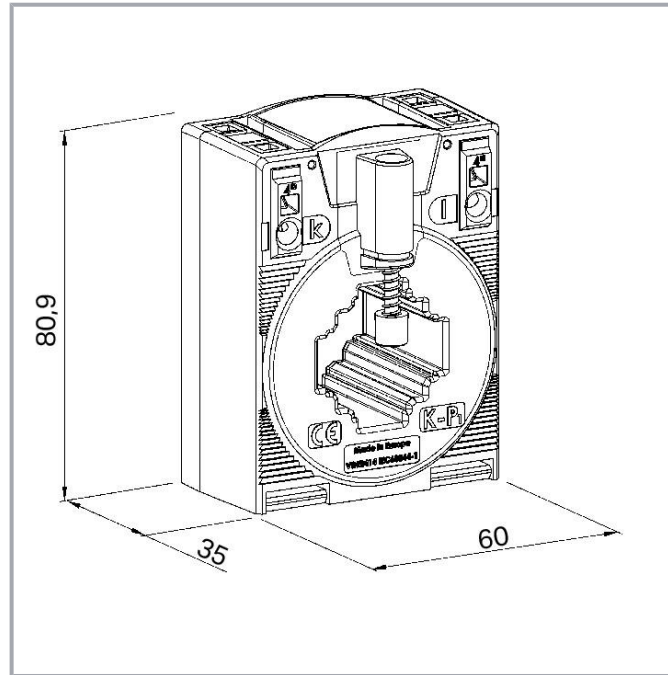
Data sheet | Item number: 855-305/100-209

Plug-in current transformer; Primary rated current: 100 A; Secondary rated current: 5 A; Rated power: 2.5 VA; Accuracy class: 0.5; for billing purposes

www.wago.com/855-305/100-209



i Picture differs from the item.



855-3xx/xxxx-xxxx

Busbar 1: 30 x 10 mm

Busbar 2: 25 x 12 mm

Busbar 3: 20 x 20 mm

Round cable: 26 mm

Item description

Kurzbeschreibung:

Aufsteck-Stromwandler für die Verrechnungs-Messung der Serie 855 sind induktive, nach dem Trafo-Prinzip arbeitende, 1-Leiter-Stromwandler. Aufgrund des angewendeten Messprinzips eignen sich Stromwandler dieses Typs zur ausschließlichen Verwendung in Wechselstromnetzen.

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

WAGO Kontakttechnik GmbH & Co. KG

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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.



Die Aufsteck-Stromwandler entsprechen dem Modul D des Konformitätsbewertungsverfahrens und können für Verrechnungszwecke eingesetzt werden

Merkmale:

- Schraubenlose Anschlusstechnik mit CAGE-CLAMP®-Anschluss
- Verschiedene Montagemöglichkeiten
- Schockfest und rüttelsicher
- Hohe mechanische Haltekräfte
- Hohe Stromfestigkeit
- Ständig mit 120 % des primären Nennstroms überlastbar
- Niederspannungsstromwandler für Betriebsspannungen bis max. 1,2 kV
- Einsatz in 690 V-Netzen
- Zubehör: 879-3040; Energiezähler; mit Push-in CAGE CLAMP® und Hebel; Wandleranschluss (2PCT)

Data

Technical data

Accuracy class	0.5
Primary rated current	100 A
Rated continuous thermal current I_{cth}	$1.2 \times I_N$ (AC)
Rated short-time thermal current I_{th}	$60 \times I_N / 1 \text{ s}$ (max. 100 kA / 1 s)
Overcurrent limiting factor	FS5 / FS10 (type dependent; see type plate inscription)
Rated frequency	50 ... 60 Hz
Secondary rated current	5 A
Rated power S_r	2.5 VA

Safety and protection

Test voltage	AC 6 kV; 50 Hz; 1 min
Highest voltage for equipment U_m	AC 1.2 kV _{rms}

Connection data

Connection technology	CAGE CLAMP®
Solid conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch

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Physical data

Width	60 mm / 2.362 inch
Height	80.9 mm / 3.185 inch
Depth	52 mm / 2.047 inch

Mechanical data

Mounting type	Closed current transformer Installation on mounting plate Mounting on DIN-rail via DIN-rail adapter Mounting on round cable
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Material data

Insulation class	E
Weight	293 g

Environmental requirements

Surrounding air temperature (operation)	-5 ... 50 °C
Surrounding air temperature (storage)	-25 ... 70 °C
Operating altitude (max.)	1000 m

Standards and specifications

Conformity marking	CE
Standards/Specifications	EN 61869-1 EN 61869-2

Commercial data

PU (SPU)	1 Stück
Packaging type	box
Country of origin	DE
GTIN	4055144041439
Customs tariff number	85043129900

Optional accessories

Tool

Operating tool



Item no.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-720

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

Downloads

Documentation

Bid Text

855-305/100-209 doc - Datei	2020. 10. 5.	docx 17.9 kB	Download
855-305/100-209 X81 - Datei	2020. 10. 5.	xml 6.2 kB	Download

Environmental Product Compliance

Compliance Search

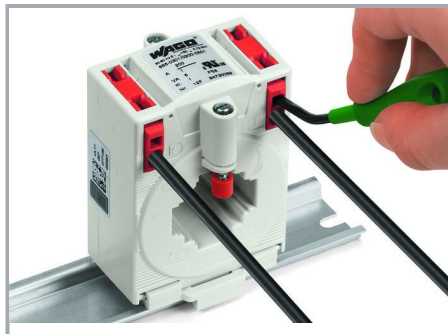
Environmental Product Compliance 855-305/100-209	URL	Download
Plug-in current transformer; Primary rated current: 100 A; Secondary rated current: 5 A; Rated power: 2.5 VA; Accuracy class: 0.5; for billing purposes		

Installation Notes

Conductor termination



Conductor termination – screwdriver actuation perpendicular to conductor entry



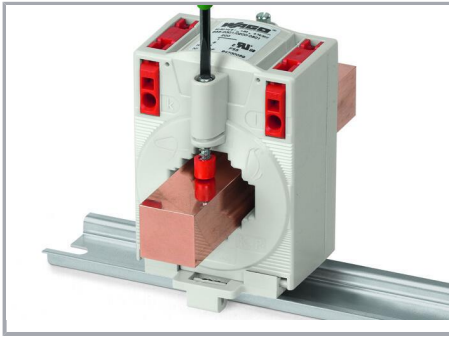
Conductor termination – screwdriver actuation parallel to conductor entry

Installation

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

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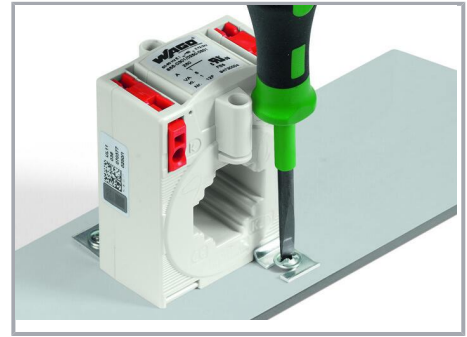
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Installation on copper current bar



Installation on round cable



Installation on mounting plate



Mounting on DIN-rail via 855-9900 DIN-Rail Adapter



Installation via 855-9910 Quick-Mount Kit

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