Split-core current transformer; Primary rated current: 60 A; Secondary rated cur-

rent: 1 A; Accuracy class: 3; Secondary connection with lever

https://www.wago.com/855-4201/060-103











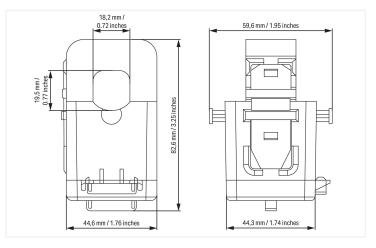












https://www.wago.com/855-4201/060-103



Short description:

WAGO's compact split-core current transformers are ideal for retrofitting existing systems. They are perfect for applications in which the current path must not be disrupted. The transformer's accuracy permits exact current measurements. The split-core current transformers can supply the specified rated power at the secondary connection. Two UV-resistant cable ties are also included for secure and easy mounting. Lever-operated CAGE CLAMP® connectors provide a secondary connection on the bottom. For safe installation, a shorting link is supplied, which can be placed in the parking position directly on the current transformer when not in use.

Features:

- Current ratios from 60 A (primary side) and 1 A (secondary side)
- No primary cable interruption
- Ideal for use in very confined spaces
- Rapid mounting
- For use around insulated cables (up to 18 mm Ø)
- Compact and hinged
- Connectors with levers for all conductor types up to max. 4 mm²
- · Including shorting link

https://www.wago.com/855-4201/060-103



Technical data

In	n	11	t
	μ	u	·

Measured variable

Current

Input - current transformer

 $\begin{aligned} & \text{Rated continuous thermal current I}_{\text{cth}} & 100 \, \% \\ & \text{Rated short-time thermal current I}_{\text{th}} & 60 \, \text{x I}_{\text{N}} \, / \, 1 \, \text{s} \\ & \text{Rated surge current I}_{\text{dyn}} & 2.5 \, \text{x I}_{\text{th}} \end{aligned}$

50 ... 60 Hz

Primary rated current 60 A

Output - current transformer

Secondary rated current 1 A

Rated power S_r 1.4 VA

Measurement error

Rated frequency

Accuracy class 3

Safety and protection

Protection type

Test voltage 3 kVAC; 50 Hz; 1 min

 $\label{eq:linear_transformation} \mbox{Highest voltage for equipment U}_{\mbox{\scriptsize ms}} \mbox{AC} \mbox{} \mbo$

Connection data

Feedthrough for Measurement Conduc- Ø 18 mm

tor

Connection 2

IP20

Connection type Secondary

Connection technology CAGE CLAMP®

WAGO connector 2 WAGO 221-2411

Actuation type Lever

Strip length 11 mm / 0.43 inches

Solid conductor 0.2 ... 4 mm² / 20 ... 14 AWG

Fine-stranded conductor 0.2 ... 4 mm² / 18 ... 14 AWG

Physical data

Width 59.6 mm / 1.95 inches

 Height
 82.6 mm / 3.25 inches

 Depth
 44.6 mm / 1.76 inches

Mechanical data

Mounting type Split-core current transformer (suspended)

Material data

Fire load 0 MJ

Weight 285 g

https://www.wago.com/855-4201/060-103



Environmental requirements

Ambient temperature (operation) $$-10\ldots+55\,^{\circ}C$$ Ambient temperature (storage) $$-20\ldots+70\,^{\circ}C$$

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

Commercial data

 ETIM 9.0
 EC002048

 ETIM 8.0
 EC002048

 PU (SPU)
 1 pcs

 Packaging type
 Box

 Country of origin
 HU

 Customs tariff number
 85043129900

Environmental Product Compliance

RoHS Compliance Status Compliant,No Exemption

Approvals / Certificates

Declarations of conformity and manufacturer's declarations

Approval Standard Certificate Name

EU-Declaration of Confor- -

mity

WAGO GmbH & Co. KG

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 855-4201/060-103



Documentation

Additional Information

WAGO Interface Configuration Software 1.6.3.7 17.09.2019 SMALL

exe 46878.36 KB \perp

https://www.wago.com/855-4201/060-103



1 Compatible Products

1.1 Optional Accessories

1.1.1 Installation

1.1.1.1 Current transformer terminal block



Item No.: 2007-8876

Compact terminal block; for 3-phase current transformer circuit; 6,00 mm²; multicoloured



Item No.: 2007-8873
Compact terminal block; for current and voltage transformers; 6,00 mm²; multicolured



Item No.: 2007-8874

Compact terminal block; for current and voltage transformers; 6,00 mm²; multicoloured



Item No.: 2007-8875

Compact terminal block; for current transformer circuit; 6,00 mm²; multicoloured



Item No.: 2007-8877

Compact terminal block; for current transformer circuit; 6,00 mm²; multicoloured

1.1.2 Signal conditioner

1.1.2.1 Current signal conditioner



Item No.: 857-551

Current signal conditioner; Current input signal; Current and voltage output signal; Digital output; Configuration via software; Supply voltage: 24 VDC; 6 mm module width

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 mm²

1.1.2.2 Power measurement module



Item No.: 2857-570/024-001

3-Phase Power Measurement Module; 3x277/480 V/1 A; Modbus RTU; Digital output; Configuration via software; Supply voltage: 24 VDC

Installation Notes

Installation







Simple termination!

Quick and easy mounting!

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

Current addresses can be found at:: $\underline{www.wago.com}$

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