

192T1405

Sensor TCA 14 Current Transformer Solid core 50A class 1



Strong points

- A suitable accuracy class
- Wide selection of ratings and sizes
- Quick and easy installation

General characteristics

- Accuracy class: 0.2s - 0.5 or 1.
- Dielectric quality: 3 kV - 50 Hz - 1 min.
- Operating frequency: 50 - 60 Hz.
- Permanent overload: 1.2 In.
- Insulation class: E (120 °C).

Compliance with standards

- IEC 61869-2
- IEC 61439-1

Access to resources (ex: manuals)



<https://www.socomec.co.uk/en-gb/reference/192T1405>

SOCOMECS current transformers deliver a standard secondary current that is proportional to the primary current and suitable for the rating of the associated energy meter. They are equipped as standard with removable terminal covers and double terminals allowing the secondary to be short-circuited without any risk.

They are mounted using two screw-on metal feet or, in certain cases, by a clip-on DIN rail fastener. The connections are made by screws or by Fast-on terminals.

Technical Characteristics

Model	TCA 14
Opening	Diam.14
Rated current [A]	50
Secondary rated current	5
Function	Current measurement
Type of current	AC
Type of product	Solid core
Internal diameter	14
Secondary Output	Current
Accuracy class	1
Type of connection	Terminal block
Conformity to standards	IEC 61869-2
Customisable	No

Classification

UNSPSC	39121032
ETIM Class	EC002048
IGCC	4186

Commerce

Description	Current Transformers TCA 14 primary 50A/secondary 5A class 1, diameter 14mm, current transformers deliver to the secondary a standard current proportional to the primary current and adapted to the rating of the associated device
Effective date	2013-03-27
Offer Life Cycle Code	40
Country of origin	DE

ETIM - Electrical characteristics

Rated primary current [A]	50
Rated secondary current [A]	5
Rated secondary apparent power [VA]	1
Accuracy class	1
Overcurrent limiting factor	FS 5
Calibrated	No

ETIM - Mechanical characteristics

With contact protection	No
Opening diameter [mm]	14
Snap mounting	Yes
With copper rail	Yes
Secondary connection	Screw connection

ETIM - Technical features

Model	Through-feed current converter
Number of primary inputs	1

Logistics

GTIN/EAN	3596032774530
Customs number	8504318090
Price unit	PC
Weight of the packing unit [kg]	0.22
Length of the packing unit [m]	0.052
Width of the packing unit [m]	0.053
Depth of the packing unit [m]	0.083

Norms

Conformity to standards	IEC
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