

**192T2016**

**Sensor TCA 21 Current Transformer Solid core 250A class 0.5**



**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/192T2016>

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 21
Opening	Diam.21
Rated current [A]	250
Secondary rated current	5
Function	Current measurement
Type of current	AC
Type of product	Solid core
Internal diameter	21
Secondary Output	Current
Accuracy class	0.5
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 21 primary 250A/secondary 5A class 0.5, diameter 21mm, 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	1998-02-09
Offer Life Cycle Code	40
Country of origin	DE

**ETIM - Electrical characteristics**

Rated primary current [A]	250
Rated secondary current [A]	5
Rated secondary apparent power [VA]	2.5
Accuracy class	0.5
Overcurrent limiting factor	FS 5
Calibrated	No

**ETIM - Mechanical characteristics**

With contact protection	No
Opening diameter [mm]	21
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	3596031090877
Customs number	8504318090
Price unit	PC
Weight of the packing unit [kg]	0.19
Length of the packing unit [m]	0.08
Width of the packing unit [m]	0.055
Depth of the packing unit [m]	0.05

### **Norms**

Conformity to standards	IEC
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