

192T3310

Sensor TCB3 18-20 Current Transformer Solid core 100A 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

Link to the reference



<https://emea.socomec.com/en/reference/192T3310>

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.

Classification

UNSPSC	39121032
ETIM Class	EC002048
IGCC	4186

Commerce

Description	Current Transformers TCB3 18-20 primary 100A/secondary 5A class 1, diameter 18mm (x3), 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	2010-06-02
Offer Life Cycle Code	40
Country of origin	HU

ETIM - Electrical characteristics

Rated primary current [A]	100
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
Height opening [mm]	20..20
Width opening [mm]	20..20
Opening diameter [mm]	18
Snap mounting	Yes
With copper rail	Yes
Secondary connection	Screw connection

ETIM - Technical features

Model	3-phase current converter set
Number of primary inputs	3

Logistics

GTIN/EAN	3596032009403
Customs number	8504318090
Price unit	PC
Weight of the packing unit [kg]	0.43
Length of the packing unit [m]	0.12
Width of the packing unit [m]	0.055
Depth of the packing unit [m]	0.063

Norms

Conformity to standards	IEC
Technical Characteristics	
Model	TCB 318-20 (3phase CT)
Opening	20x5 - Diam.18 (3x)
Rated current [A]	100
Secondary rated current	5
Function	Current measurement
Type of current	AC
Type of product	Solid core
Internal diameter	20x5
Secondary Output	Current
Accuracy class	1
Type of connection	Terminal block
Conformity to standards	IEC 61869-2
Customisable	No