

192T9396

Sensor TBA 103 Current Transformer Solid core 2000A class 0.5

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.

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/192T9396>

Classification

UNSPSC	39121032
ETIM Class	EC002048
IGCC	4186

Commerce

Description	Current Transformers TBA 103 primary 2000A/secondary 5A 40x100mm, class 0.5, 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	2001-03-05
Offer Life Cycle Code	40
Country of origin	DE

ETIM - Electrical characteristics

Rated primary current [A]	2000
Rated secondary current [A]	5
Rated secondary apparent power [VA]	15
Accuracy class	0.5
Overcurrent limiting factor	FS 10
Calibrated	No

ETIM - Mechanical characteristics

With contact protection	No
Height opening [mm]	41..41
Width opening [mm]	103..103
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	3596031710973
Customs number	8504318090
Price unit	PC
Weight of the packing unit [kg]	0.9
Length of the packing unit [m]	0.075
Width of the packing unit [m]	0.12
Depth of the packing unit [m]	0.18

Norms

Conformity to standards	IEC
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Technical Characteristics

Model	TBA 103
Opening	40x100
Rated current [A]	2000
Secondary rated current	5
Function	Current measurement
Type of current	AC
Type of product	Solid core
Internal diameter	103x41
Secondary Output	Current
Accuracy class	0.5
Type of connection	Terminal block
Conformity to standards	IEC 61869-2
Customisable	No