48290575

Flexible Current Sensor TF-120 2000A



TF flexible current sensors measure the load currents of an electrical system and send the data to meters and PMDs via an RJ12 plug-and-play output. Thanks to a wide measurement range, TF current sensors cover the full current range of 150 to 6000 A with 7 references. TF flexible current sensors can be used with DIRIS Digiware, DIRIS A-40 DIRIS B, and ISOM Digiware F-60 via a quick RJ12 connection.

Strong points

- Plug & Play
- Accuracy according to IEC 61557-12
- Secure locking
- Installation
- Simplified installation

General characteristics

- Range 150 to 6000A.
- Used with DIRIS Digiware, DIRIS A-40 and DIRIS B.

Compliance with standards

- IEC 61557-12
- ISO 14025
- UL

Link to the reference

https://emea.socomec.com/en/reference/48290575

Classification

UNSPSC	83101808
ETIM Class	EC002048
IGCC	6042

Commerce

Description	Flexible TF current sensors TF-120 primary 2000A/secondary RJ12A class 0.5, these sensors measure the load currents of an electrical system and send the data to meters and measurement
Effective date	2017-12-01
Offer Life Cycle Code	40
Country of origin	IT

ETIM - Electrical characteristics

Rated primary current [A]	2000
Rated secondary current [A]	0.1
Rated secondary apparent power [VA]	0.1
Accuracy class	0.5
Calibrated	Yes

ETIM - Mechanical characteristics

With contact protection	Yes
Height opening [mm]	120..120
Width opening [mm]	120..120
Opening diameter [mm]	120
Snap mounting	Yes
With copper rail	Yes
Secondary connection	Plug-in connection

ETIM - Technical features

Model	Attachable current transformer
Number of primary inputs	1

Logistics

GTIN/EAN	3596033018701
Customs number	8504312990
Price unit	PC
Weight of the packing unit [kg]	0.164
Length of the packing unit [m]	0.215
Width of the packing unit [m]	0.215
Depth of the packing unit [m]	0.03

Norms

Conformity to standards	IEC UL

Technical Characteristics

Model	TF

Opening	120
Rated current [A]	2000
Secondary rated current	RJ12
Function	Current measurement
Type of current	AC
Type of product	Flexible
Internal diameter	120
Secondary Output	Voltage
Accuracy class	0.5
Type of connection	RJ12
Conformity to standards	IEC 61557-12 UL 61010
Customisable	No