48290574

Flexible Current Sensor TF-80 600A class 0.2S



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/48290574

Technical Characteristics

Model	TF
Opening	80
Rated current [A]	600
Secondary rated current	RJ12
Function	Current measurement
Type of current	AC
Type of product	Flexible
Internal diameter	80
Secondary Output	Voltage
Accuracy class	0.5
Type of connection	RJ12
Conformity to standards	IEC 61557-12 UL 61010
Customisable	No

ETIM - Technical features

Model	Attachable current transformer
Number of primary inputs	1

ETIM - Electrical characteristics

Rated primary current [A]	600
Rated secondary current [A]	0.1
Rated secondary apparent power [VA]	0.1
Accuracy class	0.2S
Overcurrent limiting factor	FS 10
Calibrated	Yes

ETIM - Mechanical characteristics

With contact protection	Yes
Height opening [mm]	80..80
Width opening [mm]	80..80
Opening diameter [mm]	80
Snap mounting	Yes
With copper rail	Yes
Secondary connection	Plug-in connection

Norms

Conformity to standards	IEC UL

Commerce

Description	Flexible TF current sensors TF-80 primary 600A/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

Logistics

GTIN/EAN	3596033018695
Customs number	8504312990
Price unit	PC
Weight of the packing unit [kg]	0.149
Length of the packing unit [m]	0.015
Width of the packing unit [m]	0.225
Depth of the packing unit [m]	0.17

Classification

UNSPSC	83101808
ETIM Class	EC002048
IGCC	6042