

48290578

Sensor TF-600 1600-6000A



TF flexible current sensors measure the load currents of an electrical circuit and send the data to meters and Power Monitoring Devices or current modules via an RJ12 plug-and-play connection. Thanks to a wide measurement range, TF current sensors cover a wide current range from 100 to 6000 A, with only 7 references. TF flexible current sensors can be used with DIRIS Digiware I modules, DIRIS A-40 and DIRIS B.

Strong points

- Plug & Play
- Accuracy as per standard IEC 61557-12
- Safe locking mechanism
- Installation
- Simplified installation

General characteristics

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

Compliance with standards

- IEC 61557-12
- ISO 14025
- UL

Access to resources (ex: manuals)

<https://www.socomec.co.uk/en-gb/reference/48290578>

Classification

| | |
|------------|----------|
| UNSPSC | 83101808 |
| ETIM Class | EC002048 |
| IGCC | 6042 |

Commerce

| | |
|-------------------|------------|
| Effective date | 2017-12-01 |
| Country of origin | IT |

ETIM - Electrical characteristics

| | |
|-------------------------------------|-------|
| Rated primary current [A] | 6000 |
| 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] | 600..600 |
| Width opening [mm] | 600..600 |
| Opening diameter [mm] | 600 |
| 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 | 3596033018732 |
| Customs number | 8504312990 |
| Price unit | PC |
| Weight of the packing unit | 0.291 |
| Length of the packing unit | 0.04 |
| Width of the packing unit | 0.24 |
| Depth of the packing unit | 0.28 |

Norms

| | |
|-------------------------|------------|
| Conformity to standards | IEC UL |
|-------------------------|------------|

Technical Characteristics

| | |
|-------------------------|------|
| Model | TF |
| Opening | 600 |
| Rated current | 6000 |
| Secondary rated current | RJ12 |