

48290505

Measurement Sensor TE Current Sensor Solid core 1000A class 0.2S



Strong points

- Plug & Play
- Accuracy according to IEC 61557-12
- Installation

General characteristics

- Range 5 to 2000 A.
- Used with DIRIS Digiware I, DIRIS A-40, DIRIS B and ISOM Digiware F-60.

Compliance with standards

- IEC 61557-12
- ISO 14025
- UL

Access to resources (ex: manuals)



<https://www.socomec.co.uk/en-gb/reference/48290505>

TE smart 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, TE current sensors cover the full current range of 5 to 2000 A, with 7 references. TE solid-core current sensors can be connected to DIRIS Digiware, DIRIS A-40, DIRIS B and ISOM Digiware F-60 via a quick RJ12 connection. Numerous accessories are available to aid the installation of sensors in any type of cabinet.

Technical Characteristics

| | |
|-------------------------|---------------------------|
| Model | TE |
| Opening | 41x41 |
| Rated current [A] | 1000 |
| Secondary rated current | RJ12 |
| Function | Current measurement |
| Type of current | AC |
| Type of product | Solid core |
| Internal diameter | 41x41 |
| Secondary Output | Voltage |
| Accuracy class | 0.5 |
| Type of connection | RJ12 |
| Conformity to standards | IEC 61557-12 UL 61010 |
| Customisable | No |

Classification

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

Commerce

| | |
|-----------------------|---|
| Description | Solid-core current TE-55 primary 1000A/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 | 2013-11-22 |
| Offer Life Cycle Code | 40 |
| Country of origin | FR |

ETIM - Electrical characteristics

| | |
|-------------------------------------|-------|
| Rated primary current [A] | 1000 |
| 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] | 41..41 |
| Width opening [mm] | 41..41 |
| Opening diameter [mm] | 41 |
| Snap mounting | Yes |

| | |
|----------------------------------|--------------------------------|
| With copper rail | Yes |
| Secondary connection | Plug-in connection |
| ETIM - Technical features | |
| Model | Through-feed current converter |
| Number of primary inputs | 1 |
| Logistics | |
| GTIN/EAN | 3596032776510 |
| Customs number | 8504312990 |
| Price unit | PC |
| Weight of the packing unit [kg] | 0.21 |
| Length of the packing unit [m] | 0.1 |
| Width of the packing unit [m] | 0.06 |
| Depth of the packing unit [m] | 0.04 |
| Norms | |
| Conformity to standards | IEC UL |