# 48290556

## Split Core Current Sensor TR 160A class 0.5

The split-core current sensors in the TR ranges enable the current on an electrical installation to be measured. Used with a PMD from the DIRIS Digiware, DIRIS A-40, DIRIS B-10 or B-30 range, they make it possible to perform accurate measurements between 25 and 600 A, and provide access to an overall accuracy class. The RJ12 connection system makes it easier to connect it all up, and the integrated intelligence prevents any configuration errors.

### Strong points
- Smart sensors
- Accurate

### General characteristics
- Range 25 to 600 A.
- Used with DIRIS Digiware, DIRIS A-40 and DIRIS B.
- PreciSense technology: Overall accuracy class in accordance with the IEC 61557-12 standard.
- Easy installation and configuration.

### Compliance with standards
- IEC 61557-12
- ISO 14025
- UL

### Link to the reference

https://emea.socomec.com/en/reference/48290556

### Classification

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

### Commerce

| | |
|---|---|
| Description | Split-core AC current sensors TR-14 class 1 used with DIRIS Digiware, DIRIS A-40, DIRIS B device, they make it possible to perform measurements with guaranteed accuracy |
| Effective date | 2018-06-01 |
| Offer Life Cycle Code | 40 |
| Country of origin | FR |

### ETIM - Electrical characteristics

| | |
|---|---|
| Rated primary current [A] | 160 |
| Rated secondary current [A] | 0.1 |
| Rated secondary apparent power [VA] | 0.1 |
| Accuracy class | 0.5 |
| Overcurrent limiting factor | FS 10 |
| Calibrated | Yes |

### ETIM - Mechanical characteristics

| | |
|---|---|
| With contact protection | Yes |
| Height opening [mm] | 14..14 |
| Width opening [mm] | 14..14 |
| Opening diameter [mm] | 14 |
| 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 | 3596033018343 |
| Customs number | 8504312990 |
| Price unit | PC |
| Weight of the packing unit [kg] | 0.842 |
| Length of the packing unit [m] | 0.04 |
| Width of the packing unit [m] | 0.12 |
| Depth of the packing unit [m] | 0.12 |

### Norms

| | |
|---|---|
| Conformity to standards | IEC<br>UL |

## Technical Characteristics

| | |
|---|---|
| Model | TR |
| Opening | 14 |
| Rated current [A] | 160 |
| Secondary rated current | RJ12 |
| Function | Current measurement |
| Type of current | AC |
| Type of product | Split core |
| Internal diameter | 14x15 |
| Secondary Output | Voltage |
| Accuracy class | 1 |
| Type of connection | RJ12 |
| Conformity to standards | IEC 61557-12<br>UL 61010 |
| Customisable | No |