

TP-816 6000/5

TP-816 6000/5, Split core current transformers

Code: M7015E.

- > Flat strip(mm): 80 x 160
- > System: Single-phase
- > Class 0,5 Power (VA): 20
- > Measurement Range (A): 6000/5
- > Input current: 6000 A
- > Transformer type: Split core

Description

Open-core transformers that can measure current without having to interrupt the electric supply. In other words, the installation does not have to be dismantled in order to install them.

- Range: 100 to 5000 A
- Busbar dimensions: 20 x 30 mm to 80 x 160 mm
- The transformer certificate is attached.

Application

Converting a high nominal current to a lower current so that it can be measured by the unit. They have a split core and can be installed with no need to interrupt the installation's power supply.



TP-816 6000/5

Split-core measurement current transformer

Code: M7015E.

Specifications

Electrical characteristics

| | |
|--------------------|-------------------|
| Safety factor (SF) | FS 10 |
| Power | 20 VA (Class 0,5) |

Mechanical characteristics

| | |
|----------------------------------|---------------------|
| Size (mm) width x height x depth | 245 x 184 x 70 (mm) |
| Weight (kg) | 3,6 |

Environmental characteristics

| | |
|---------------------|-------------------|
| Thermal Class | Class B (+130 °C) |
| Working temperature | -5 ... 40 °C |

Specific technical characteristics of current sensors

| | |
|-------------------|---------------|
| Operating voltage | 0,72 kV~ max. |
|-------------------|---------------|

Current measurement circuit

| | |
|--|---------------------|
| Primary current measurement | 6000 A |
| Dynamic current (I _{dyn}) | 2,5 I _{th} |
| Thermal short-circuit current (I _{th}) | 60 I _n |
| Transformation ratio | ... / 5 A |

Standards

| | |
|-----------|---|
| Standards | IEC 44-1, UNE 21 088-1, UL 94, VDE 0414 |
|-----------|---|

For other configurations see table of additional features

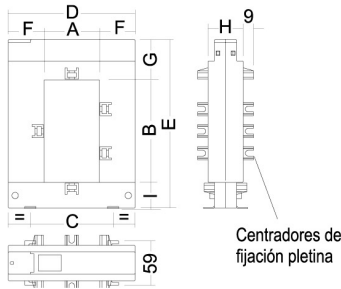


TP-816 6000/5

Split-core measurement current transformer

Code: M7015E.

Dimensions



| mm | TP-23 | TP-58 | TP-88 | TP-812 | TP-816 |
|----|-------|-------|-------|--------|--------|
| a | 20 | 50 | 80 | 80 | 80 |
| b | 30 | 80 | 80 | 120 | 160 |
| c | 51 | 78 | 108 | 108 | 120 |
| d | 89 | 114 | 144 | 144 | 184 |
| e | 110 | 145 | 145 | 185 | 245 |
| f | 34 | 32 | 32 | 32 | 52 |
| g | 47 | 32 | 32 | 32 | 47 |
| h | 40 | 32 | 32 | 32 | 52 |
| i | 32 | 32 | 32 | 32 | 38 |