



TP-816 500/5A

TP-816 500/5A, Split core Current transformer with converter 4...20 mA

Code: M7015F.

- > Flat strip(mm): 80 x 160
- > System: Single-phase
- > Class 0,5 Power (VA): 3
- > Measurement Range (A): 500/5
- > Input current: 500 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.



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Specifications

Electrical characteristics

| | |
|--------------------|------------------|
| Safety factor (SF) | FS 10 |
| Power | 3 VA (Class 0,5) |

Mechanical characteristics

| | |
|----------------------------------|---------------------|
| Size (mm) width x height x depth | 245 x 184 x 70 (mm) |
| Weight (kg) | 2,5 |

Environmental characteristics

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|---------------------|-------------------|
| 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 | 500 A |
| Dynamic current (Idyn) | 2,5 Ith |
| Thermal short-circuit current (Ith) | 60 In |
| 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



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Dimensions

