

## TP-812 1200 /5A

TP-812 1200 /5A, Split core current transformers

Code: M70146.

- > Flat strip(mm): 80 x 120
- > System: Single-phase
- > Class 0,5 Power (VA): 6
- > Class 1 Power (VA): 11
- > Class 3 Power (VA): 24
- > Measurement Range (A): 1200/5
- > Input current: 1200 A
- > Transformer type: Split core

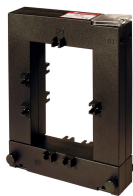
### Description

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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Split-core measurement current transformer

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## Specifications

### Electrical characteristics

|                    |                  |
|--------------------|------------------|
| Safety factor (SF) | FS 10            |
| Power              | 6 VA (Class 0,5) |

### Mechanical characteristics

|                                  |                     |
|----------------------------------|---------------------|
| Size (mm) width x height x depth | 185 x 144 x 50 (mm) |
| Weight (kg)                      | 1,131               |

### 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         | 1200 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 |
|-----------|---|

TP-vell  
Current transformers, split core

| CODE    | TYPE           | Measurement Range (A) | Flat strip(mm) | Class 0,5 Power (VA) | Class 1 Power (VA) | Class 3 Power (VA) |
|---------|----------------|-----------------------|----------------|----------------------|--------------------|--------------------|
| TP-812  |                |                       |                |                      |                    |                    |
| M70141. | TP-812 500 /5A | 500/5                 | 80 x 120       | -                    | 4                  | 12                 |

For other configurations see table of additional features



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## Dimensions

