



## TP-23 50/5

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TP-23 50/5, Split core current transformers

Code: M7011A. **DESCATALOGADO**

- > System: Single-phase
- > Class 3 Power (VA): 1,5
- > Measurement Range (A): 50/5
- > Input current: 50/5 A

### Description

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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.

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

### Application

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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-23 50/5

Split-core measurement current transformer

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### Specifications

#### Electrical characteristics

Safety factor (SF)	FS 10
Power	1.5 VA (Class 3)

#### Mechanical characteristics

Size (mm) width x height x depth	110 x 89 x 58 (mm)
Weight (kg)	0,685

#### 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.
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#### Current measurement circuit

Nominal frequency	50 / 60 Hz
Primary current measurement	50 A
Dynamic current (I <sub>dyn</sub> )	2,5 I <sub>th</sub>
Thermal short-circuit current (I <sub>th</sub> )	60 I <sub>n</sub>
Transformation ratio	... / 5 A

#### Standards

Standards	IEC 44-1, UNE 21 088-1, UL 94, VDE 0414
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#### 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)
<b>TP-58</b>						
M7012B.	TP-58 200/5A	200/5	50 x 80	-	-	3

For other configurations see table of additional features



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Split-core measurement current transformer

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### Dimensions



Dimensions (mm)	TP-58	TP-88	TP-812	TP-816
a	50	80	80	80
b	80	80	120	160
c	78	108	108	120
d	114	144	144	184
e	145	145	185	245
f	32	32	32	52
g	32	32	32	47
h	32	32	32	52
i	32	32	32	38