



STP-24 100/1A

STP-24 100/1A, Split core current transformer

Code: M733230010000

- > Inner diameter (mm): 24
- > System: Single-phase
- > Class 3 Power (VA): 1
- > Measurement Range (A): 100/1
- > Input current: 100 A
- > Power (VA): 1
- > Transformer type: Split core

Specifications

Electrical characteristics

Safety factor (SF)	2.5
Power	1 VA (Class 3)
Insulation voltage between terminals S1-S2	3 kV 1 min

Mechanical characteristics

Size (mm) width x height x depth	66 x 76 x 55 (mm)
Envelope	Plastic V0 self-extinguishing (UNE 21031)
Weight (kg)	0,23

Environmental characteristics

Thermal Class	class B (+130 °C)
Relative humidity (without condensation)	15 ... 85%
Storage temperature	-40 ... +85 °C
Working temperature	-20 ... +55 °C

Specific technical characteristics of current sensors

Inner diameter \emptyset (mm)	24
Operating voltage	0,72 kV~ máx.

Current measurement circuit

Nominal frequency	50 / 60 Hz
Primary current measurement	100 A
Allowable overload	1,2 x I_n
Dynamic current (I_{dyn})	2,5 I_{th}
Thermal short-circuit current (I_{th})	60 I_n
Minimum current measurement	0,01 x I_n
Transformation ratio	... / 1 A

Standards

Standards	IEC 60044-1, IEC 61010-1
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Measurement accuracy

Accuracy

Clase 3



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Dimensions

