

STP-24

Split-core current Transformers



Description

Open-core current transformers with compact dimensions for easy installation. This type of transformer is very easy to install and uninstall on compact panels where the reduced space makes it difficult to take current measurements. In addition, their open-core design means that they can take measurements without having to interrupt the electric supply. The primary current measurement range is from 100 A to 300 A using different secondary outputs (.../1A, .../5A or .../250mA) with a maximum admissible cable diameter of 24 mm.

Applications

Quick and easy assembly are a fundamental aspect when taking temporary measurements in an electrical installation. **STP-24** transformers can take energy measurements together with **CIRCUTOR**'s power analyzers or energy meters (**CVM-MINI**, **CVM-NET**, **CVM-C**, **CVM-B**, **EDMk**, etc.) without having to interrupt the electric supply. The open-core design of the transformer makes it very easy to install and allows installers to take electrical measurements in less time.

Technical features

Electrical features		
Frequency		50 / 60 Hz
Primary current		100-150-200-250-300 A (acc. to model)
Secondary current		.../5 A, .../1 A, .../ 250 mA
I_{min}		0,01 x I_n
Highest voltage for the material		0,72 kV
Insulation voltage		3 kV 1 minute
Admissible overload		1,2 x I_n
Class		1 / 3
Working temperature		-20 ... +55 °C
Safety factor		2,5
Protection degree		Bipolar 6,5 V _p
Type of encapsulation		CAT III 600 Va.c.
Output Cable length		1 m
Standards	IEC-60044-1, IEC-61010-1	

References

Type	Primary	Secondary	Class	Power	Code
STP-24	100 A	5 A	3	1 VA	M73323
	150 A	5 A	3	1 VA	M73325
	200 A	5 A	3	2 VA	M73326
	250 A	5 A	3	2 VA	M73327
	300 A	5 A	1 / 3	1 / 2 VA	M73328
	100 A	1 A	3	1 VA	M73323001
	150 A	1 A	3	1 VA	M73325001
	200 A	1 A	3	0,5 VA	M73326001
	250 A	1 A	1 / 3	1 / 2 VA	M73327001
	300 A	1 A	1 / 3	1 / 2 VA	M73328001
	100 A	250 mA	3	0,1 VA	M7332300G
	150 A	250 mA	3	0,1 VA	M7332500G
	200 A	250 mA	3	0,1 VA	M7332600G
	250 A	250 mA	1 / 3	0,1 / 0,2 VA	M7332700G
	300 A	250 mA	1 / 3	0,1 / 0,2 VA	M7332800G

Dimensions

