MULTI-RATIO CURRENT TRANSFORMERS

Single-Core & Two-Core Types for 15 kV (max.) Power Systems

EO-10SC Series

Introduction

Intended for 15 kV (max.) power systems, the EO-10SC Series current transformers for indoor application are available in single-core and two-core types. With a rated primary current of 500~3000A (single-ratio or multi-ratio), these current transformers are insulated with Araldite® epoxy resin and can be used with measuring or monitoring instruments, or for protective purposes. The window-type design facilitates installation and wiring with a busbar or a suitably insulated primary conductor, decreasing the occurrence rate of contact point failure. Characterized by excellent physical and electrical properties, the EO-10SC Series current transformers have consistently met with a high level of customer satisfaction.

Specifications

- Standards: IEC or IEEE
- Indoor application; window-type design
- Available in two-core and single-core types
- System Voltage: ≦ 15 kV
- Frequency: 50 or 60 Hz
- AC/BIL：28 / 75 kV
- Primary Current: 500 ~ 3000A (single-ratio or multi-ratio)
- I_{th} = Max 43.3kA / 1S

Selection Table

Model	Primary	Secondary		Burden and Accuracy	Approx. Weight (kg)	Num. of Cores	Window Diameter (mm)
		Core 1	Core 2				
EO-10SC-90	500 ~ 1200A	5A / 1A	-	(IEC) 30VA / 0.5 or 30VA / 5P20 (IEEE) 0.3 B-0.9 or C100	29	1	90
	500 ~ 1200A	5A / 1A	5A / 1A	15(30)VA / 5P20(10) + 40(30)VA / 1.0(0.5)		2	
EO-10SC-130	1200 ~ 3000A	5A / 1A	-	(IEC) 30VA / 0.2 or 30VA / 5P20 (IEEE) 0.3 B-0.9 or C100	27	1	130
	1200 ~ 3000A	5A / 1A	5A / 1A	15(30)VA / 5P20(10) + 40(30)VA / 0.5(0.2)		2	

Note: Other standards and specifications available.

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