

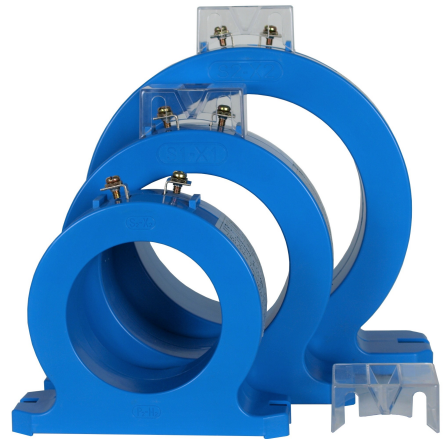
Current Transformers

POS Series

The *POS Series* window-type low-voltage current transformers, intended for (\leq) 600-voltage power systems, are appropriate for electric engineering applications and distribution switchgears. Every *POS Series* current transformer is contained in an ABS exterior (self-extinguishing) and encloses a high-quality coil, along with an annealed oriented core - all manufactured for rated accuracy and output. On the primary side, wiring can be done with a busbar or with insulated wire. Compact and lightweight, each of these current transformers can be installed either horizontally or vertically; in addition, the product is designed in such a way that installation in a smaller space (e.g. in a motor control center) poses no difficulty for secondary wiring or fastening the CT base. The range of *Rated Burden* is from 1.0 VA to 40 VA, and the *Accuracy* is Class 0.5, 1.0, or 3.0, depending on the *Primary Ampere-Turn (AT)*. The *POS Series* products meet various international standards and have consistently earned a high level of customer satisfaction.

Specifications

- Standards: IEC, IEEE
- Rated Voltage: \leq 0.72 kV
- Frequency: 50 / 60 Hz
- AC/BIL: 3 / - kV
- For indoor applications
- Self-extinguishing ABS exterior provides a high level of insulation and excellent moisture resistance
- Compact and lightweight – ideal for wiring and installation in smaller spaces
- Top-facing terminals for easy wiring
- Terminal covers (optional)
- *Other Standards and Specifications available*



Selection Table

Burden (VA) & Accuracy (Class) *						
Rated Burden: 1 ~ 40 VA Accuracy: 0.5, 1.0 & 3.0 CL.						
Model	Primary Ampere-Turn (AT) **					Secondary Current (A)
POS-30R	75 ~ 300					5 or 1
POS-50R		100 ~ 500				
POS-70R			300 ~ 800			
POS-90R				500 ~ 2000		
POS-120R					800 ~ 3200	

* The Burden (VA) and its corresponding Accuracy (Class) are determined by the Primary Ampere-Turn (AT) of the Current Transformer.

** Primary Ampere-Turn (AT) = Primary Current (A) x Primary Turns (T).