

# Model 6463A Error Compensation Current Transformer (Standard Current Transformer)



Model 6463A can output from primary current of 5 A to secondary current with in-phase error  $\pm 20$  ppm (at 50Hz, 0 $\Omega$  load) and quadrature phase error 20 $\mu$ rad (at 50Hz, 0 $\Omega$  load). Therefore it can be used as a standard current transformer for various calibration operation. Combined with model 6040A and 6462A wider range of currents become available.

## Features

- Structure of the transformer is two-stage transformer with a compensation coil. Therefore secondary current is highly accurate.
- Secondary output currents are 1/100, 1/250, 1/500 and 1/1000 of a primary current.
- As the transformer part is molded and the whole unit contained in an aluminum-alloy system case, the device is durable for a long term use and safely maintains its performance.

## Specifications

Item/Model	TYPE 6463A
Primary Current Rating	5 A (max. 10A)
Secondary Current Rating	5 mA, 10 mA, 20 mA, 50 mA
Frequency	50 Hz to 400 Hz
In-Phase Error	20 ppm (at 50Hz, 0 $\Omega$ load) 30 ppm (at 400Hz, 0 $\Omega$ load)
Quadrature Phase Error	20 $\mu$ rad (at 50Hz, 0 $\Omega$ load) 60 $\mu$ rad (at 400Hz, 0 $\Omega$ load)
Rated Load	0.025 VA (at 50 mA Range)
Secondary Short, Primary Input Equivalent AC Resistance	Less than 1 $\Omega$
Power Supply	100 Vac, 50/60 Hz, 1 A
Size (WxDxH) mm	450 $\times$ 430 $\times$ 130
Weight	Approx. 7 kg

- Specifications are subject to change without notice due to improvement
- SunJEM will design products to meet your individual requirements. Please feel free to consult with us for products other than ready-made ones.