

DC Immune AC Current Transformer

This DC immune AC current transformer accurately measures AC currents in the presence of DC components. The transformer utilizes advanced magnetic core materials and winding configurations to minimize the effects of DC current on the AC current measurement.



Product Overview

DC Immune Current Transformer (DCT 108)

The DCT 108 is a specialized current transformer engineered to provide accurate AC current measurements even in the presence of DC components. By utilizing advanced magnetic core materials and precise winding configurations, this device effectively minimizes DC interference in AC measurements. It is an ideal solution for applications requiring high precision and linearity, such as electric vehicle chargers, solar inverters, and DC power supplies.

Technical Specifications

Current Range

1.5 A

Minimum Current

100 A

Maximum Current

Compliance Standards

IEC 1036, IEC 62053

Key Features

Performance Characteristics

- Accurate DC measurement capability
- Linear output current
- High precision performance
- Compact and delicate design

Construction Details

Insulated conductors • Secure termination lugs • Robust construction