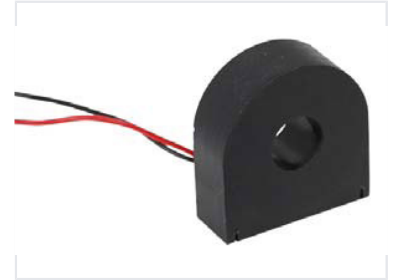


AC Current Transformer DCT 57

This current transformer measures alternating current without direct circuit connection. It uses electromagnetic induction to induce a proportional current in the secondary winding, allowing safe, non-intrusive current measurement.



Overview

High-Precision AC Current Transformer

The DCT 57 is a specialized DC-immune current transformer designed for precise AC measurement applications. It utilizes electromagnetic induction to provide non-intrusive monitoring, making it an ideal component for power management, control systems, and protection devices. Its compact design and high accuracy ensure reliable performance across a wide current range.

Technical Specifications

Measurement Range

1.5 A

Minimum Current

100 A

Maximum Current

Performance Characteristics

- DC Immune measurement
- Linear output current
- High precision output

Standards Compliance

IEC 1036, IEC 62053

Design

Physical Design

Compact, semi-circular housing