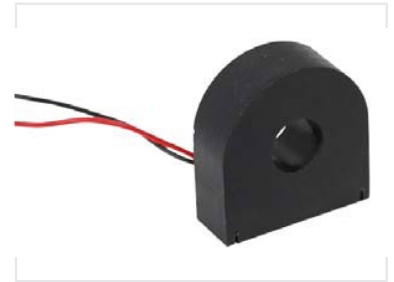


# AC Current Transformer DCT 57

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