

AC Current Transducer for Power Measurement

This AC current transducer is designed for measuring AC current and converting electrical power measurements into a proportional output signal. It features multiple input and output terminals and is equipped with zero and span adjustments for precise calibration.



ADDITIONAL IMAGES



Product Overview

High-Precision Power Measurement

The DPA Power Transducer is designed to convert AC or DC voltage and current inputs into load-independent output signals with high stability. Utilizing RMS measurement, this device provides accurate readings even with distorted waveforms, making it ideal for medium and low voltage systems. It features a robust design with a 500ms response time and is suitable for demanding industrial environments including power distribution, motor control, and automation.

Technical Specifications

Measurement Accuracy

2% • 0.5%

Available Output Signals

- 0...20 mA
- 4...20 mA

Response Time

500 ms

Mounting Type

35mm DIN rail

Compliance & Standards

Standards Conformance

IEC 60688, IEC 60255-5, IEC 60255-22

High Frequency Disturbance Test

Class III

Applications

Typical Applications

- Distribution feeders
- Transformers
- Generators
- Capacitor banks
- Motor control
- Intelligent building automation

Key Features

Performance Highlights

500 ms

Response Time

35 mm

DIN Rail Width