

AC Residual Current Transducer

This AC residual current transducer measures AC current up to 50A. It converts the measured current into a 4-20mA DC output signal for industrial automation applications.



ADDITIONAL IMAGES



Overview

High-Precision AC Residual Current Transducer

This AC residual current transducer utilizes advanced constant current technology and temperature linearity compensation to transmit AC signals into standard DC analog outputs. Designed for industrial automation, the device offers excellent isolation, low power consumption, and high overload capacity. It serves as a reliable solution for monitoring electrical systems, ensuring data accuracy and operational safety.

Performance Metrics

Rated Input Current

50 A

Input Range

Accuracy Class

0.5

Electrical Specifications

Output Signal	4-20mA, 0-20mA, 0-5V
Power Supply Voltage	DC 12V, DC 24V
Overload Capacity	1.2 x rated

Compliance & Standards

Standards

- IEC60688:1992
- IEC 185:1987

Applications

Typical Applications

Industrial Automation • Power Transmission • Distribution Systems • Ground Fault Monitoring