

# Single-Phase AC Current Transducer

This single-phase AC current transducer converts AC current signals into standard analog signals. It provides reliable current measurement for industrial applications, featuring high isolation and low power consumption.



## ADDITIONAL IMAGES



## Overview

### BD Series Current Transducer

The BD series current transducer is engineered to isolate and convert electrical parameters such as current, voltage, frequency, power, and power factor within power grid systems into precise DC analog or digital signals. Designed for reliability and accuracy, it features a class 0.5 rating and supports a wide range of power inputs. This device is ideal for monitoring and controlling electrical systems, including motor control and power distribution applications.

## Technical Specifications

### Accuracy Class

Class 0.5

### Analog Output Options

- 0-5V
- 0-10V
- 0-20mA
- 4-20mA

### Input Signal

AC Current

### Overload Capacity

1.2 x rated

## Compliance & Standards

### Compliance Standards

GB/T13850-1998, IEC-688

## Device Features

### Key Features

- High isolation
- Low power consumption
- Span and zero adjustment for calibration
- Easy installation