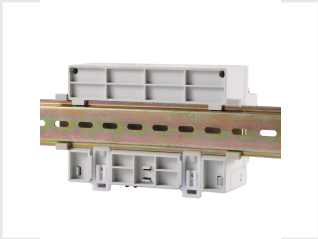
Three-Phase Multifunction Power Meter

This three-phase multifunction power meter is designed for measuring electrical energy consumption. It supports voltage and current ranges of 3x220/380V and 3x1(6)A, respectively, and provides comprehensive data on various electrical parameters.

ADDITIONAL IMAGES



Overview

Smart Power Metering Solution

The DTSD1352 is a high-precision, compact smart meter engineered for power supply systems, industrial enterprises, and utilities. It integrates comprehensive measurement of electrical parameters with advanced electricity management capabilities, including harmonic analysis up to the 31st order. Designed for easy installation and remote integration, this meter supports SCADA and energy management systems via RS485 MODBUS-RTU communication.

Technical Specifications

Current Range Options

- 3x1(6)A
- 3x10(80)A

Standards Compliance

IEC62053-21 • IEC62053-22

Measured Parameters	Voltage (U), Current (I), Active Power (P), Reactive Power (Q), Apparent Power (S), Power Factor (PF)

Features & Connectivity

Key Capabilities

- Harmonic analysis (2nd-31st)
- Remote control via switching input
- Relay output
- Alarm output
- Historical data storage (12 months)

Communication	RS485 port with MODBUS-RTU protocol
Display	LCD Display

Installation

Design Advantages

- Compact volume
- High precision measurement
- Excellent EMC performance
- Simple installation process

Mounting	DIN Rail