

Two-Phase Anti-Tamper Electronic Energy Meter

This two-phase electronic meter accurately measures active energy consumption using SOC solution. It displays energy readings via cyclometer register or LCD and includes fault indication and optical port communication.



ADDITIONAL IMAGES



Overview

Advanced Energy Metering Solution

The DSZ217 (T11-1) is a two-phase, three-wire electronic active energy meter designed for high-accuracy energy measurement. Built on an SOC solution, it offers a cost-effective approach to monitoring electrical consumption while incorporating anti-tamper features, such as magnetic field resistance up to 300MT. This meter is ideal for both residential and commercial applications requiring reliable performance and detailed event logging.

Technical Specifications

Accuracy Class

Class 1

Rated Current

5 A

Base Current

100 A

Max Current

Reference Voltage

2x127/220V

Reference Frequency

60 Hz

Power Consumption

<1.5W, 10VA (per phase)

Physical & Environmental

Protection Rating

IP54

Dimensions (L x W x H)

160.1mm x 148mm x 57.5mm

Net Weight

0.8 kg

Operating Temperature

-25°C to +60°C

Features & Functionality

Event Logging Capabilities

- Current reverse
- Current loss
- Low voltage of battery
- Power outage
- M.D. reset
- Clock correction

Communication Interfaces

Optical Port, RS485 (Optional)

Compliance

Standards Compliance

Standard

IEC62052-11

IEC62053-21

IEC62056-61

IEC62056-21