

Three Phase Four Wire Multi-tariff Electronic Meter

This three-phase, four-wire multi-tariff electronic meter supports both import and export metering. It can record various events and the meter can be read during power outages.



Overview

Advanced Three-Phase Metering

The DTSF217 (T9-1) is a robust three-phase, four-wire electronic energy meter engineered for precision and versatility. It supports both import and export metering with advanced Time-of-Use (TOU) or step tariff functions, making it ideal for modern energy management. Designed for reliability, the unit features comprehensive event logging and data freezing capabilities, ensuring data integrity even during power outages.

Technical Specifications

Accuracy Class

Active: 0.2S/0.5S/Class 1 • Reactive: Class 2

Voltage & Frequency

- Reference Voltage: 3x57.7V/100V; 3x220V/380V
- Reference Frequency: 50/60Hz

Current Ratings

Connection Type	Current Range
Transformer	1.5(6)A, 5(6)A, 5(10)A
Direct	10(40)A, 10(60)A, 20(80)A, 10(100)A

Standards Compliance

IEC62052-11, IEC62053-21, IEC62053-22, IEC62053-23

Operating Environment

Operating Temperature

-25 °C

Normal Min

60 °C

Normal Max

Voltage Operation Range

0.8Un to 1.2Un (Limited: 0.7Un to 1.3Un)

Features

Communication Interfaces

- Far infrared interface
- RS485
- Protocol: DL/T 645-2007

Data Freezing Options

Daily, Hourly, Occasional, Immediate

Physical Properties

Dimensions (LxWxH)	290mm x 170mm x 85mm
Net Weight	2.8 kg
Design Life	15 years