

# Multifunctional Three-phase Meter MTD3

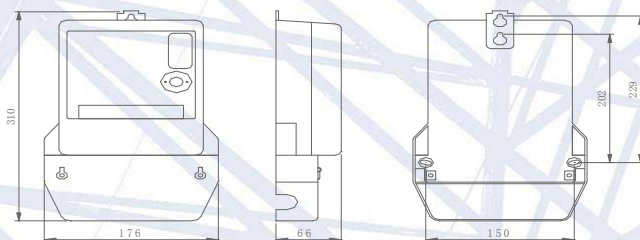


The MTD3 three-phase four-wire meter is a multifunctional tamper-proof electronic energy meter with impulse output, large LCD display, backlight, optical and IrDA Baud Rate communication, event detection and recording capability. Its features include active energy, reactive energy, neutral measurement, maximum demand measurement and instantaneous measurement of voltage, current, frequency, power factor and power.

Designed in accordance with IEC 62052-21, IEC 62053-21, IEC62052-11

## Technical:

Type:	Three-phase four-wire, direct connection & CT version
Accuracy:	Class 1 for active energy i.a.w IEC62053-21 Class 2 for reactive energy
Reference Voltage:	3x230V/400V±20%
Reference Frequency:	50Hz
Current I <sub>B</sub> (I <sub>max</sub> ):	5A, CT version or 15 (100A) Direct version
Starting Current (I <sub>b</sub> %):	<=0.004
Meter Constant:	800 imp/kWh, 800 imp/kvarh
Internal Tariff Source:	2 tariffs (Option 4 tariffs)
Output:	LED pulse output
Communication Interface:	Optical port and IrDA Baud Rate (According to IEC62056-21/IEC61107 Mode C) (Other Options available including ZigBee & GPRS)
Burden Voltage Circuit:	<10VA
Burden Current Circuit:	<2VA
Insulation Property:	4kV
Battery Life Time:	>=15 years
Internal Real Time Clock Accuracy:	<= 0.5 sec/day @ 23°C
Operating Temperature:	-20°C to 70°C
Storage Temperature:	-40°C to 85°C
Relative Humidity:	up to 90%
Protection Rating:	IP 51 Option IP54
Weight:	2.5KG
Dimensions:	310x176x66mm



Version 1.2

Technical Specifications subject to change without prior notice

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