

# 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.

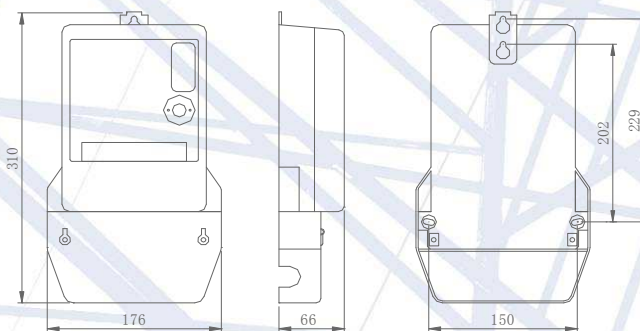
Designed in accordance with IEC 62052-21, IEC 62053-21, IEC62052-11

## Technical:

Type:	Three-phase four-wire, direct connection
Accuracy:	Class 1 for active energy i.a.w IEC62053-21 Class 2 for reactive energy
Reference Voltage:	3x230V/400V±10%
Reference Frequency:	50Hz
Current I <sub>B</sub> (I <sub>max</sub> ):	15 (100A)
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 (Other Options available) (According to IEC62056-21/IEC61107 Mode C)
Power Consumption:	<10VA
Voltage Circuit:	<2VA
Current Circuit:	4kV
Insulation Property:	

## Environment:

Battery Life Time:	>=15 years
Internal Real Time Clock Accuracy:	<= 0.5 sec/day @ 23°C
Operating Temperature:	-5°C to 80°C
Storage Temperature:	-40°C to 85°C
Relative Humidity:	up to 90%
Protection Rating:	IP 51
Weight:	2.5KG
Dimensions:	310x176x66mm



Version 1.1

Technical Specifications subject to change without prior notice

Unit 4, Vale Enterprise Centre, Hayes Road, Sully, Vale of Glamorgan CF64 5SY Great Britain

Tel: 0044 1446 743377

Fax: 0044 5601 258134

Email: sales@kigg.com

website: www.kigg.com



181221