



EDMI Mk10A

Three phase CT electricity meter

The EDM I Mk10A is a three phase electricity meter supplied in a CT enabled version.

Two-way communications enable different registers to be collected from the meter. Energy data is transmitted via direct connection to the comms module for data verification for suppliers and data collectors/aggregators and integration into third party aM&T systems. The meter can also be used for three-phase solar PV installations.

The data gathered can be analysed on Orsis Energize by the end user to understand energy consumption levels and manage their fiscal and environmental costs. The EDM I Mk10A is suitable for measuring both generation and exported data from solar PV systems. Meter readings can be submitted for feed-in tariff collection.



Features

- ✓ MID Approved, UKCA Approved
- ✓ Internal clock and calendar with battery backup
- ✓ Comprehensive tariff structure
- ✓ Comprehensive security data, Anti Tamper
- ✓ Display of external meter information
- ✓ Large digit (10.5mm register digits) Liquid Crystal Display
- ✓ DIN (BS) double insulated, glass filled polycarbonate case IP54
- ✓ CT Operated

Ready to get started?

Start your journey today

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Technical Information	
kWh Class 1 and 2 (EN 62063-21) Wh Class A or B (EC Directive)	CT Programming
2004/22/EC [MID] kVarh Class 2 or 3	Phase failure A, B, C
15 years calibration	Power Fail
IP54 in accordance with IEC 60529:1989	Reverse Run Energy
IEC 62053-21 & 62053-23 optical communications	Per Phase Reverse Run A, B, C
8 time-of-use (TOU) Registers	Billing Count
4 Maximum Demand Registers	Terminal Cover Removal
48 Switching Times	Remaining Battery Life
12 Seasons	In Service Hours
24 Change of Season Dates	Active Scheme CRC
32 Exclusion Dates	Scheme ID
13 End of Billing Dates	Error Flag
Independent Day Control	Main Cover Removal
Daylight Saving	Watchdog Count
Deferred Tariff	Extended tails cover
Tariff Scheme CRC	Dimensions 262mm (H) x 175mm (W) x 95mm (D)
Programming (with user id)	Weight 2000 grams

The meter offers extensive security logs which include programming and user IDs.

Further security can be provided as an option with terminal cover and main cover removal detection. As an alternative, the latter detection switch can be used to allow the CT ratio to be changed.

A count of the number of each event is recorded. A time and date stamp of the three most recent events together with the source is recorded. The count, time and date of the most recent event can be included in the display sequence.