



# EDMI Mk10H Three Phase (CT) DIN Rail Electricity Meter

intelligent.



## features

- Current Transformer (CT) electricity meters from EDM1 (Atlas series)
- National Measurements pattern approved
- Class 1, 2 accuracy (1% active, 2% reactive)
- Suitable for 3 Phase 4 wire applications
- 3 element 4 quadrant
- Measures 13 channels split between two logs; Billing log (Import/Export Wh, varh.) Engineering log (Current, voltage, and phase angle for each phase).
- One RS 232 port with modem power supply connects to modem for remote communications
- Sub-metering interval can be programmed to 30 or 15 minute interval. Meters should be programmed as per the LNSP.
- Approximately 10 years of 4 channel 30 minute interval data can be held in memory
- Ability to store average/minimum/maximum values for interval duration

## benefits / suitability

- Suitable for high rise high density buildings, both residential and commercial where main utility supply is divided between multiple tenants and usage needs to be captured accurately for cost recovery per Unit/User
- System is remotely read reducing the need for utility visits by meter readers, increasing site security
- Allows access to more information / reports which leads to better understanding of energy consumption
- System delivers more capability for billing, reporting and regulatory compliance
- Easy to maintain, utility grade solution
- Stores both Cyclic and Interval data

**EDMI is a global smart energy solution provider, focussing on design, development and manufacturing of technologically advanced metering solutions.**

**EDMI Metering devices enable the management of distribution, load consumption and meter data resources efficiently.**

To find out what Metering Dynamics can do for your business, contact us:

Call 1300 792 611

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## technical specifications

Item	Description
Manufacturing Code	1H11-1G1-1S-F12-230-0
Approvals	IEC/AS 62052-11, 62053-21, 62053-23
Dimensions	116mm (H) x 105mm (W) x 71mm (D)
Weight	0.5 kg
Life Expectancy	> 14 Years
Nominal Voltage	220-240V
Operating voltage	176-276V
Frequency	50-60Hz
Range/Limit	CT Range: 5/10A CT Limit: 20 times I <sub>max</sub> for 0.5 seconds
Input/ Output	RS-485 screw terminal (2-wire) 3 x active input 15V
Operating Environment	-25 Degrees C and +60 Degrees C
Storage	-40 Degrees C and +80 Degrees C
Humidity	Relative Humidity up to 75% mean 95% non-condensing for 30 days
Additional Items	Ingress Protection IP51 (faceplate) IP30 (meter)



# Meter Dimensions

## EDMI Mk10H



Meter Dimensions: Height: 116mm, Width: 105mm, Depth: 71mm.