

EDMI Mk10A Three Phase (WC) Electricity Meter



intelligent.



features

- Whole Current (WC) 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
- Option to use SmartHub MODBUS interface for BMS system
- Sub-metering interval can be programmed to 30 or 15 minute interval. Meters should be programmed as per the LNSP.
- Approximately 13.7 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

Email sales@meteringdynamics.com.au

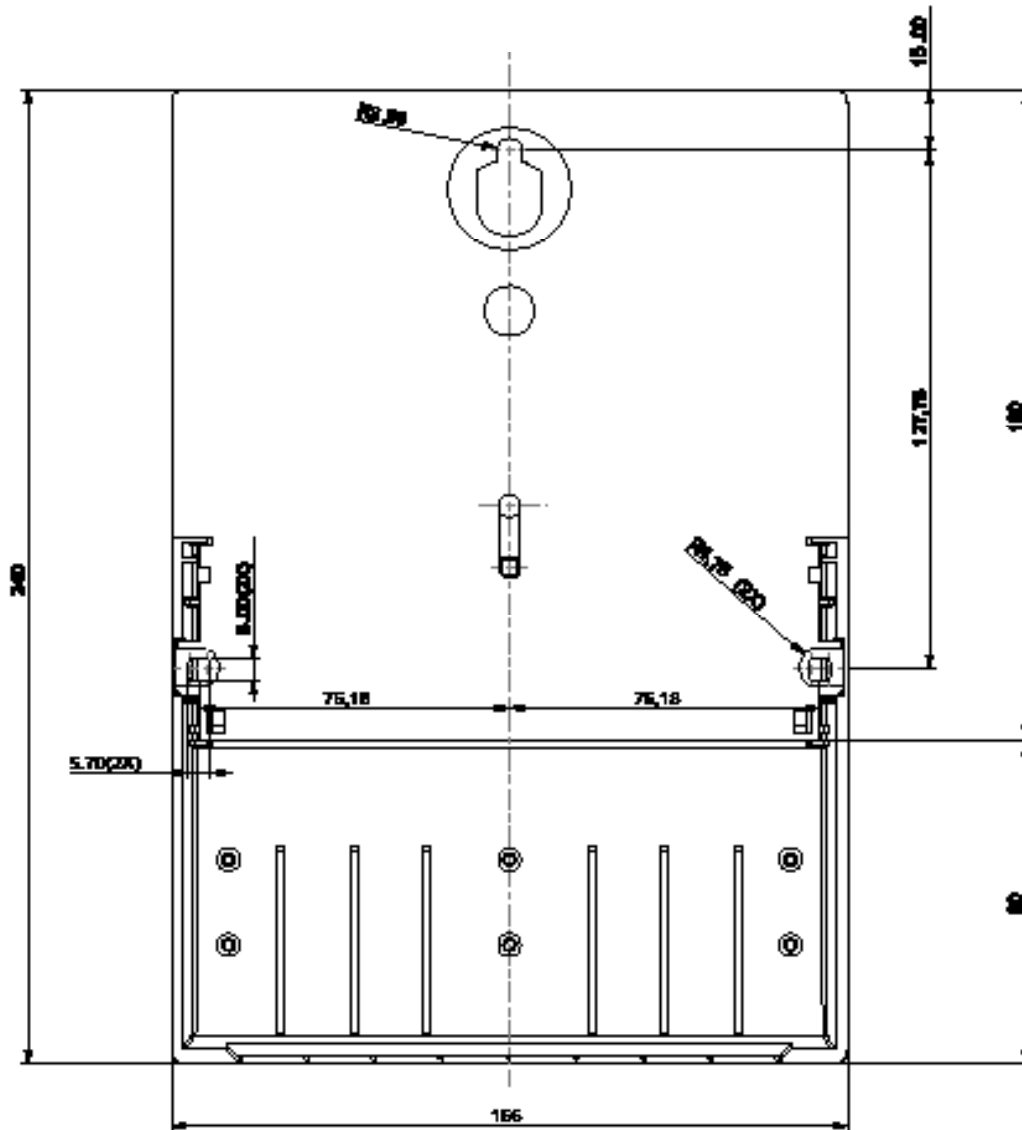
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technical specifications

Item	Description
Manufacturing Code	1A11-1J21-27-F11-201030-3P (1 input/3 output) 1A11-1J21-27-F11-203010-3P (3 input/1 output)
Approvals	IEC/AS 62052-11, 62053-21, 62053-23
Dimensions	240mm (H) x 165mm (W) x 80mm (D)
Weight	2 kg
Life Expectancy	15 years
Nominal Voltage	220-240V
Operating voltage	180-290V
Frequency	45-65Hz
Range/Limit	WC Range: 10/100A WC Limit:30 times I _{max} for 0.5 cycles, 7000A for 3 cycles
Input/ Output	1 x active input 12V, 3 x passive S0 output or 3 x active input 12V, 1 x passive S0 output
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 IP54 Salt Spray Resistance IEC 60068-2-11



Mounting Points EDMI Mk10A



Mounting points, extended terminal cover.

For mounting use three screws with a threaded section no larger than 5mm in diameter with a screw head no smaller than 8mm in diameter.