

# SINGLE PHASE ENERGY METER-EM101+



- ◆ Class of Accuracy:1.0
- ◆ Anti Tamper Features.
- ◆ High Surge Voltage withstand capability up to 8 kV
- ◆ Withstands phase to phase voltage between phase and Neutral.
- ◆ Accuracy maintained even in Tamper conditions.
- ◆ Available in Engineering plastic and Metal enclosure

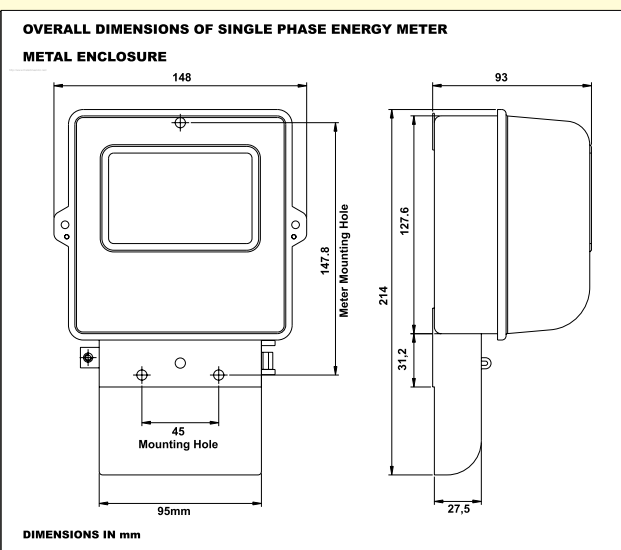
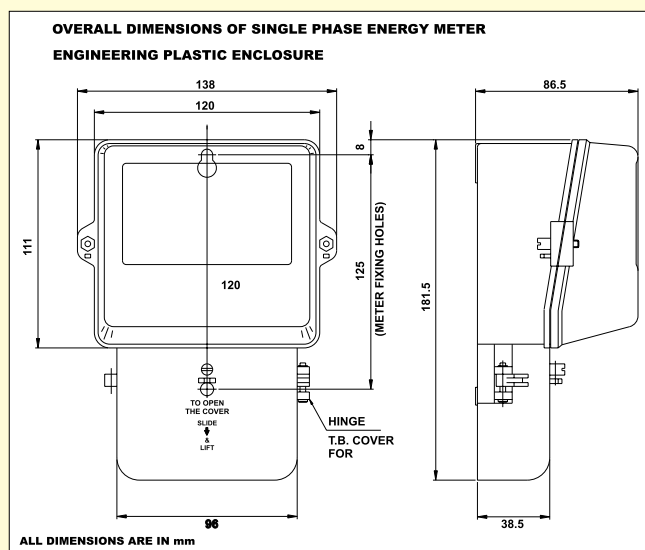


# SINGLE PHASE ENERGY METER-EM101+

## TECHNICAL SPECIFICATIONS

<b>Type</b>
■ <i>Single Phase Two Wire</i>
<b>Accuracy</b>
■ <i>Class 1.0 as per IS:13779/IEC 61036</i>
<b>Electrical</b>
■ <b>Current</b>
* $I_b$ ..... 2.5, 5, 10A
* $I_{max}$ ..... up to 600% $I_b$
■ <b>Voltage</b>
* 240 V (p-n) (- 30% to + 20%)
■ <b>Power factor Range</b>
* 0.5 lag - UPF - 0.8 lead
■ <b>Frequency Range</b>
* 50 Hz $\pm$ 5%
■ <b>Starting Current</b>
* 0.4% of Basic Current

<b>LED indication</b>
* <i>Power on.</i>
* <i>Reverse Current</i>
* <i>Earth Load Tamper</i>
* <i>kWh Pulse output</i>
<b>Meter continues to operate satisfactorily under the following conditions :-</b>
■ <i>Phase/Neutral Reversed.</i>
■ <i>Supply side-Load side Interchanged</i>
■ <i>Full Load/Partial Load terminated to Earth.</i>
■ <i>Combination of any of the above.</i>
<b>Display</b>
■ <i>6 digit Stepper Motor Counter (1 decimal digit)</i>
<b>Operating Temperature</b>
■ <i>0 to 55°C ambient</i>



**LARSEN & TOUBRO LIMITED**  
METERING AND PROTECTION SYSTEMS

Works.....KIADB Indl. Estate, Hebbal, Hootagalli, Mysore-570018. Ph: (0821) 402561. Fax: (0821) 402172.

◆ **New Delhi:** Ph: (011) 25177883. Fax: (011) 25438624 ◆ **Bangalore:** Ph: (080) 5587825. Fax: (080) 5596397 ◆ **Kolkata:** Ph:(033) 22823302. Fax: (033) 22821025 ◆ **Chandigarh:** Ph:(0172) 370131. Fax:(0172) 792764 ◆ **Mumbai:** Ph:(022) 28581634. Fax:(022) 28582020

◆ **Chennai:** Ph:(044) 28462055 Fax: (044) 28462102.

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