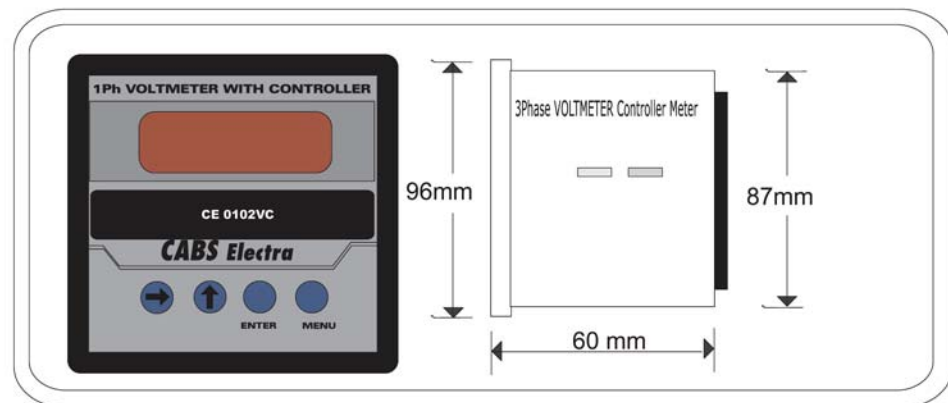


## INTRODUCTION

The CE 0102 series of Voltmeter Controllers are microprocessor based instruments that measure single phase voltages. They are suitable for direct line applications or for use in a LT system. The measured Voltage is continuously displayed in a 4-digit LED display on its front. A minimum of 10% or full load voltage is required for proper meter operation. These meters also have the special feature of controlling the Voltage of a system with built-in relays. These meters have a built-in Relay that gets OFF whenever the preset value of Voltages is reached. The Value of Preset voltage can be user set with the help of the buttons provided on the front panel of the meter/controller. The controllers are very useful for load control in industries which actually help in conserving Electricity.



## TECHNICAL SPECIFICATIONS

<b>Input Impedance</b>	1 Mohms for Voltage circuit
<b>Control Power</b>	230 Volt AC $\pm$ 10% 50/60 Hz, 3VA
<b>Voltage Input</b>	500V Max continuous at Voltage terminal
<b>Relay Contacts</b>	Max 6 Volts DC, 150mA
<b>Environmental</b>	
<b>Operating Temperature</b>	0°C to 70°C
<b>Storage Temperature</b>	- 20°C to 85°C
<b>Relative Humidity</b>	95%
<b>Dielectric</b>	2 KV for 1 minute

\*Technical Specifications & Appearance are subject to change without prior notice