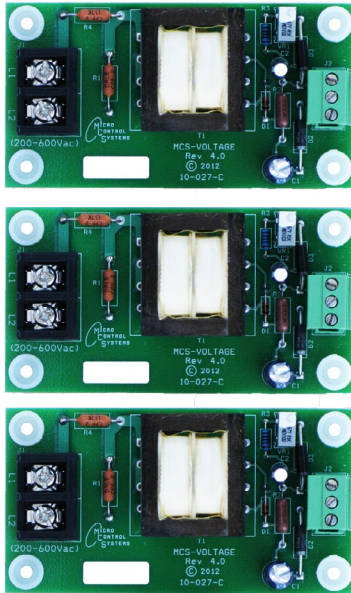




# MCS-VOLTAGE-3PH

## Description & Specifications



**Kit includes:**

- MCS-VOLTAGE Board
- Fuse Block 3 pole
- 600V 1/10 AMP Fuses (3)
- #6-20 x 1" phillips screws (12)
- #8 x 3/4" phillips screws (3)

Part # **MCS-VOLTAGE-3PH**

### Description

The **MCS-VOLTAGE-3PH** measures AC voltage between 200-600 AC. It is designed to monitor the voltage of each phase of the main input power to the unit. The MCS-VOLTAGE-3PH sensor provides three separate DC voltage outputs that correspond to the AC voltage it is measuring.

This sensor allows the **MCS-Magnum** to safely protect the motors on the unit from under voltage, over voltage and voltage imbalance conditions. It also can be used to calculate unit KW (requires amp and power factor sensors).

### Input to Output Voltage Chart

Input Voltage (AC)	Output Voltage (DC)	Input Voltage (AC)	Output Voltage (DC)	Input Voltage (AC)	Output Voltage (DC)
200	1.42	340	2.62	480	3.83
220	1.59	360	2.79	500	4.00
240	1.76	380	2.97	520	4.19
260	1.93	400	3.14	540	4.37
280	2.10	420	3.31	560	4.55
300	2.27	440	3.48	580	4.73
320	2.45	460	3.66	600	4.91

### Specifications

**Package Dimensions:**

- Width ..... 2.125"
- Length..... 4.00"
- Height ..... 1.50"
- Mounting Holes..... 4 holes using #6 sheet metal screws through nylon collars at corners of board

- Measurement Range ..... 200 to 600vac
- Output Voltage..... 1.42 to 4.91vdc
- Accuracy..... ±2.0% of reading
- Operating Temperature..... -40°F to +175°F (-40°C to +80°C)
- Storage Temperature..... -40°F to +175°F (-40°C to +80°C)

