



# MCS-VOLTAGE-3PH

## Description & Specifications



### 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

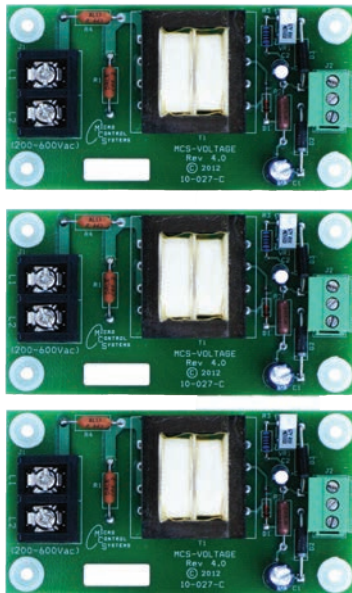
Measurement Range ..... 200 to 600vac

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)



#### Kit includes:

- MCS-VOLTAGE Board
- Fuse Block
- Fast Acting 600V 1/10 AMP Fuses
- Quantity: 3 (included)

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

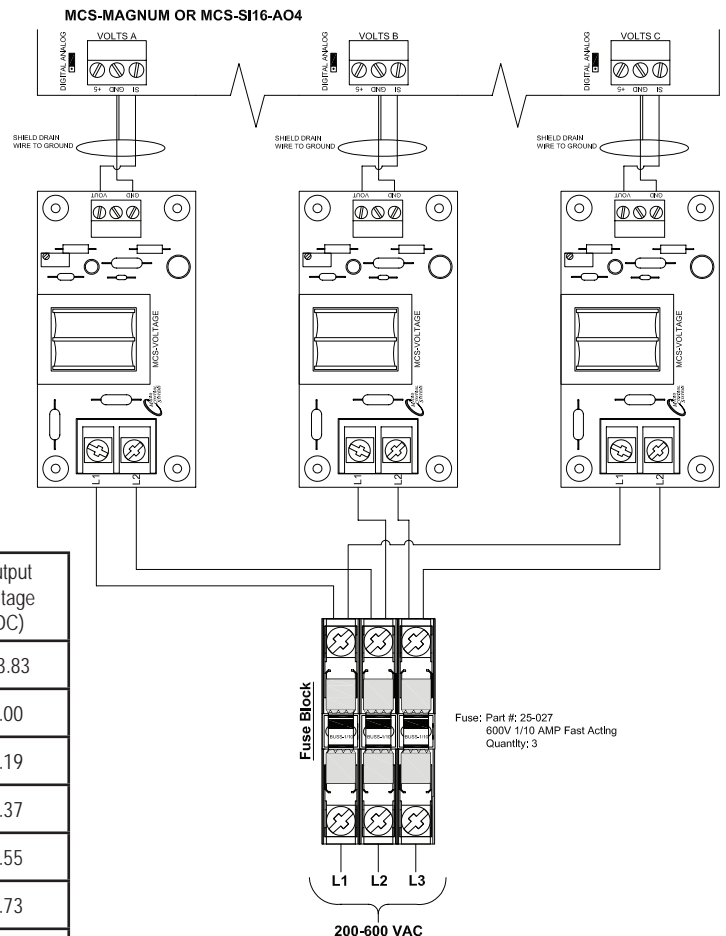
### Description

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	3.383
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



Revision - 2018-01-04