



**Measurements:** True RMS Volts displayed.

**Voltage Inputs:** One input, transformer isolated. Scaling is field selectable from built-in PT ratio library to display primary-side values when connected to PT.

**UL/CE Certification:** Meets IEC Standard 1010 and is certified by Underwriters Laboratory to meet UL and CSA standards. Requires either of the two ac-only power supply options and 120V ac Voltage input.

**Auxiliary Power:** Three power supply options including a universal power supply option which operates from either ac or dc power source.

**Transducer Output Option:** Two output options, either option provides one output channel. One channel represents the True RMS Voltage.

**Mechanical:** One 4-digit, long life, red LED display, 0.56" high. Four inch round, 4.7" max. depth metal case for ac powered models. Case depth is 6.1" for universal auxiliary power option. 4.5" sq. faceplate.

*Note: Specify PT ratio if want preset at factory otherwise default (1:1) will be provided.*



## Voltmeter, 1-Phase

### Order Number = Base Model + 6 Option Codes

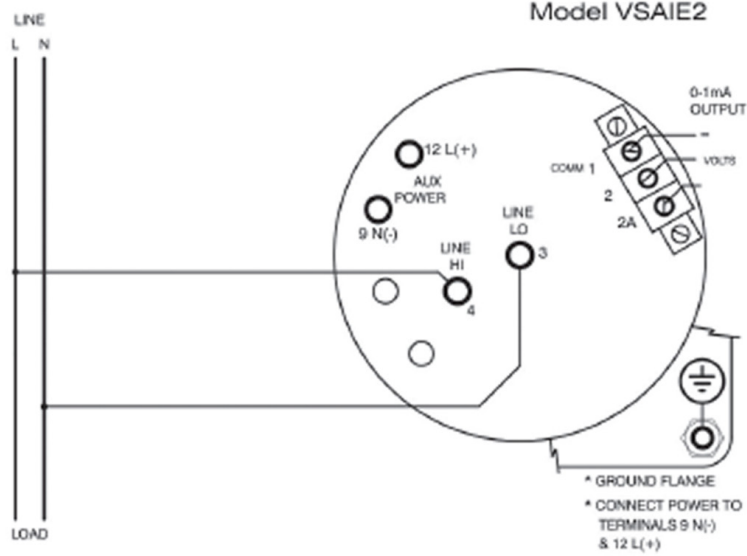
#### Select Base Model

| AC Connection     | Base Model |
|-------------------|------------|
| One Voltage Input | VSAIE2     |

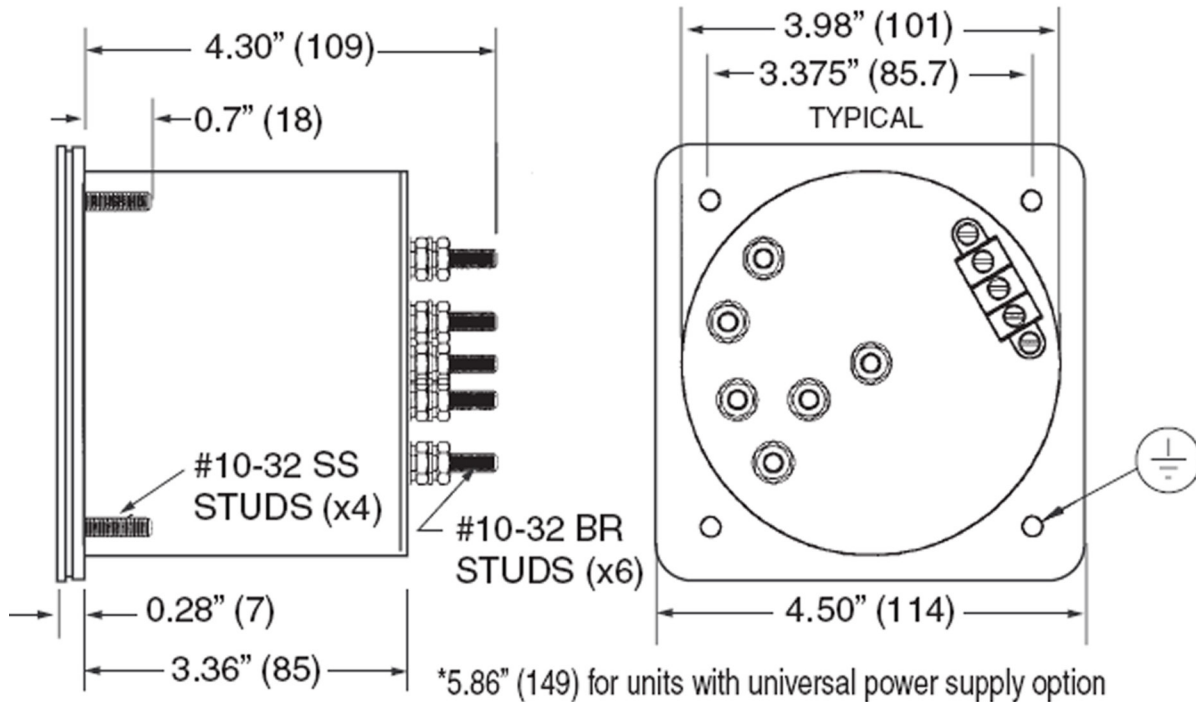
#### Select New Option Codes

| Optional Functions        | Price Adder | Old Option Code | New Option Code |
|---------------------------|-------------|-----------------|-----------------|
| <b>Auxiliary Power</b>    |             |                 |                 |
| 115V ac (UL certified)    | NO          | -X              | 0               |
| 230V ac (UL certified)    | NO          | -VA1            | 1               |
| 24-250V dc/115V ac        | YES         | -VD7            | 2               |
| <b>Transducer Output</b>  |             |                 |                 |
| None                      | NO          | -X              | 0               |
| 0-1mA, dc, active         | YES         | -C51            | 1               |
| 4-20mA dc, passive        | YES         | -C91            | 2               |
| <b>Voltage Input</b>      |             |                 |                 |
| 0-120V ac (UL)            | NO          | -X              | 0               |
| <b>Display</b>            |             |                 |                 |
| Standard LED              | NO          | N/A             | 0               |
| <b>Aluminum Faceplate</b> |             |                 |                 |
| Clear A.C. KVOLTS         | NO          | FP010           | 0A              |
| Black A.C. KVOLTS         | YES         | -FP010B         | GA              |
| Clear A.C. VOLTS          | NO          | FP011           | 0B              |
| Black A.C. VOLTS          | YES         | FP011B          | GB              |
| <b>Frequency</b>          |             |                 |                 |
| 60 Hz                     | NO          | -X              | 00              |
| 50 Hz                     | NO          | -F5             | 10              |

*Build order number by choosing base model number and then one new option code selection for each option type.  
An example: VSAIE221000A00*



Typical Connection Diagram



Overall Dimensions

**Contact:**