

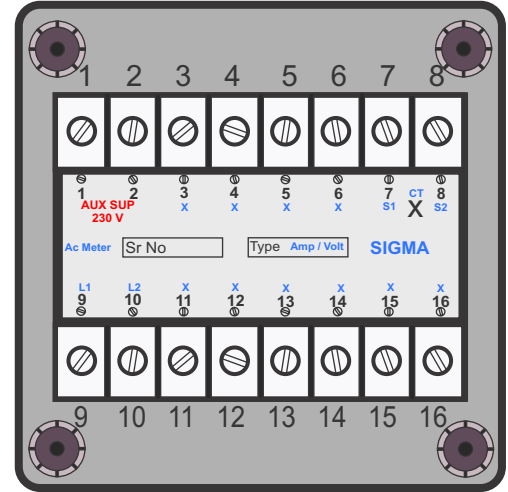


AC Volt Meter

SDP 250



FRONT VIEW



REAR VIEW

Features

- ✓ Latest Micro Controller based Technology
- ✓ Size: 96 × 96 mm
- ✓ 24 bit ADC for data acquisition.
- ✓ 3 ½ bright red 0.56” digit display
- ✓ PT 3.3 to 220KV/ 110 V or LT Direct
- ✓ Panel Mounted Meter
- ✓ Leading zero blackened to save power
- ✓ Universal type suitable for all PT Values.

Connection Pattern

Aux.Supply	Terminal 1, 2
Suggested Input	Aux supply 170 vAc to 270 Ac Input of more than 300 V can damage the device
PT connection	Terminal 9, 10 (L1, L2) There is no effect on displayed value when PT connection on L1, L2 is interchanged.

This is a universal voltmeter suitable for all HT and LT applications.

Field Programming

Pressing the set button for few seconds displays the current PT programmed which can be changed as per customer’s requirement. Output is displayed with one volt resolution The device can be programmed to be used with installed PT as under.

- 1 Press set button until previously set PT value appears on display with the rightmost digit blinking (approx @ 0.5 seconds)
- 2 Enter the desired PT value as 3/3.3Kv, 6/6.6Kv, 11/11Kv, 33/33Kv, 66/66Kv, 132/132Kv, 220/220 Kv and any other value (say more than 200) for 3 Phase 415V system

Use steps given below to enter the value:

- Use set button to assign desired value (between 0-9) to the blinking digit.
 - Wait after assigning the value to above digit until the next digit to its left starts blinking.
 - Repeat the same procedure to set proper values for all digits.
- 3 After complete value is entered, “0CC0” will appear on screen.
 - Press set button untill “AD0” appears which signify that code is saved.
 - If set button is not pressed/ released soon, “EOE” will be displayed which indicates error i.e. the changed value is not saved.

**Note: Leftmost digit can be blank or 1 while all other digits can take value from 0-9*