

SDV-93 (VOLT METER)

INSTALLATION & COMMISSIONING

1. Push the unit into the panel and mount using the clamps provided.
2. Connect the three phases with the phase sequence being R-Y-B to the corresponding terminals on the unit. Make sure that the three phases coming to the unit come through control fuses of 1.0 Amp rating. This will protect the electronics inside from damage due to sever over voltages or phase faults in the system.
3. Switch on the auxiliary supply. The unit will come alive.

Λ **CHANGING PT RATIO:**

Press the key continuously till the display shows present PT RATIO. Now, using the key again, change the PT RATIO to **1,3.77,4,11,20,30,60,100,200,300,600** when the desired PT RATIO is reached, leave the key. After 10 seconds, the meter will automatically reset and show **VOLTAGE WITH PTR** which has been programmed, **If PT RATIO is grater then 20 LED will BLINK AND DISPLAY SHOW KILO VOLT**

Λ **SYSTEM:** 3P4W & 3P3W.

Λ **VOLTAGE:** 415 V AC OR 110 V AC

Λ **P.T RATIO:** 1.0, 3.77(415 V/110V), 4.0(440 V/110 V), 2.2, 3.3, 6.6, 11, 22, 33, 66 KV / 110 V AC

Λ **AUXILIARY SUPPLY:** 80V TO 240 V AC.

Λ **STANDARDS USED :** STABLE AC VOLTAGE & CURRENT SOURCE, PHASE SHIFTING TRANSFORMER, POWER METER & INTEGRATOR WITH BASIC ACCURACY OF 0.35%, STANDARD ENERGY METER OF ACCURACY CLASS 0.5s TRACEABLE TO NATIONAL STANDARDS.

Λ **TRACEABILITY:** THE ABOVE METER(S) WAS TESTED AND CALIBRATED AGAINST "MTE"0.05 STANDARD (MASTER CALIBRATING INSTRUMENT) MODEL PRS 1.3.THE MTE STANDARD METER IS TRACEABLE TO INTERNATIONAL STANDARDS.

Λ **RESULT OF TEST:** Pass.

Λ **SPECIAL REMARK:** NO

Λ **TEST ENGINEER:** KST.

DATE: 23/07/2024

WARRANTY

THE EQUIPMENT SUPPLIED UNDER THIS T.C. IS GURANTEED AGAINST DESIGN, MANUFACTURING AND WORKMANSHIP DEFECTS FOR A PERIOD OF 5 YEARS FROM THE ABOVE DATE. STEFAN ELECTRIC UNDERTAKES TO REPLACE / REPAIR THE FAULTY UNIT AT OUR WORKS FREE OF COST. THE MANUFACTUR'S LIABILITY IS LIMITED TO THE VALUE OF GOODS SUPPLIED. THE MANUFACTURER WILL TAKE NO RESPONSIBILITY FOR ANY CONSEQUENTIAL DAMAGE CLAIMED WHATSOEVER. THIS WARRANTY CERTIFICTE IS REQUIRED TO BE PRODUCED FOR OBTAINING ANY REPAIR OR REPLACEMENT / SERVICE FROM THE MANUFACTURER. THE MANUFACTURING RESERVES THE RIGHT TO DETERMINE THE REASON FOR DEFECT / DAMAGE BEFORE PROVIDING SERVICE.

STEFAN ELECTRIC