



# TAVAAN AZMAYAN

Electric & Electronics Complex (P.j.S)

## VOLTAGE TRANSDUCER

Product: Voltage Transducer (AC RMS Measurement)

Type designation: TA-VT

Nominal input voltage (ph. to ph.)  $V_n$ : 100, 110 Vac

Input voltage variation: 0-120%  $V_n$

Nominal frequency: 50 Hz

Frequency range of use: 45-55 Hz

Output current: 0-20mA, 4-20 mA

Input-output characteristic: Linear

Voltage circuit burden: < 0.2 VA

Aux. supply voltage: 24, 48, 110, 125, 220 Vdc

Aux. supply voltage variation:  $\pm 20\%$

Aux. supply burden: < 2 VA

Output accuracy: 0.5%

Output ripple:  $\pm 0.5\%$

Output load, (Max.): 500 $\Omega$

Output open loop voltage: < 20 Vdc

Response time: <500 mS

Voltage overload, (continuous): 1.2 x  $V_n$

Voltage overload (1 sec.): 2 x  $V_n$

Insulation voltage: IEC 255

Ambient temperature (Operation): -5, +55  $^{\circ}\text{C}$

(Storage): -20, +75  $^{\circ}\text{C}$

Ambient humidity, (RH): 20-90 %

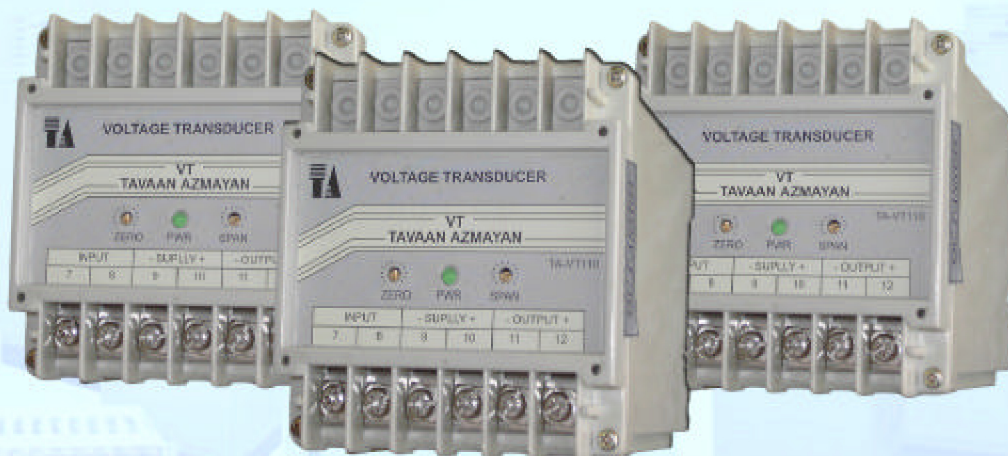
Casing: Plastic ABS

Installation: DIN Rail mounting

Overall dimensions (W×H×D): 65×70×110 mm

Total weight: 250 Gr

Note: The figures mentioned for input & output are typical only and the equipment can be produced with other values (voltage & current) as per customer requirement.



**No. 2, ZARTOSHT St., MOALLEM Ave, TEHRAN 16396, IRAN**  
**TEL:0098 21 8409151, 8419952, 8428626, FAX:0098 21 8404972**