



TAVAN AZMAYAN

Electric & Electronics Complex (P.J.S)

WATT-VAR TRANSDUCER

Product: Watt -Var Transducer (3 phase, 3 wire, unbalanced load)

Type designation: TA-WVT33

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

Nominal input current: 1 or 5 A

Nominal frequency: 50 Hz

Frequency range of use: 45-55 Hz

Output current (Dual output): 0-20 mA

Input-output characteristic: Linear

Voltage circuit burden: < 0.5 VA

Current circuit burden: < 1.2 VA

Aux. supply voltage (V_x): 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.): 500Ω

Output open loop voltage: < 20 Vdc

Response time: < 500 ms

Voltage overload, (continuous): $1.2 \times V_n$

Voltage overload, (1 sec): $2 \times V_n$

Current overload, (continuous): $1.5 \times I_n$

Current overload, (1 sec): $10 \times I_n$

Insulation voltage: IEC 688

Ambient temperature (Operation): -5, +55°C

(Storage): -20, +75°C

Ambient humidity: 20-90% RH

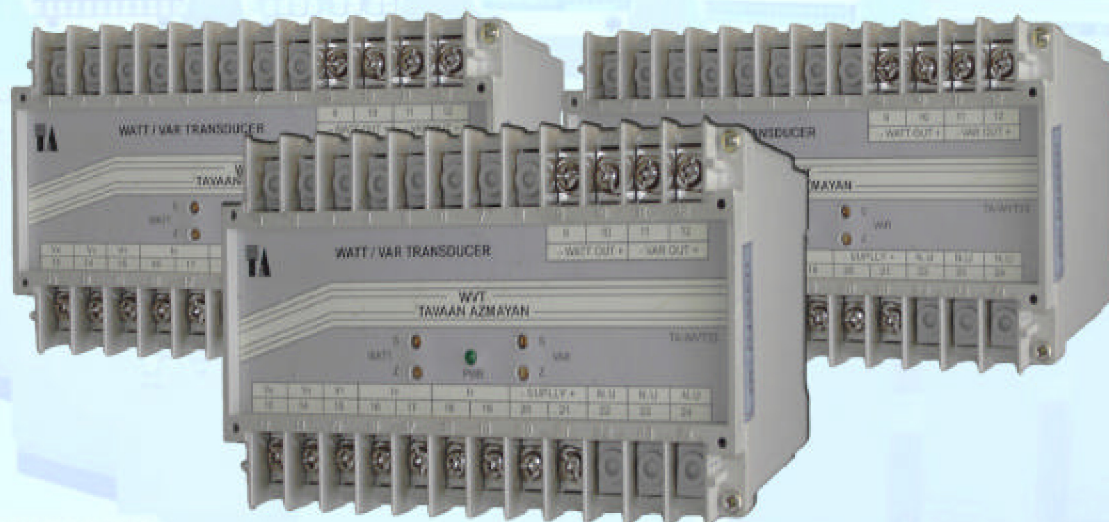
Casing: Plastic ABS

Installation: DIN Rail mounting

Overall dimensions (W×H×D): 150×70×110 mm

Total weight: 600 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.



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