



TAVAN AZMAYAN

Electric & Electronics Complex (P.J.S)

CURRENT TRANSDUCER

Product: 3 Phase Current Transducer (AC rms measurement)

Type designation: TA-3CT

Nominal input current: 1 or 5A (3 Phase)

Nominal frequency: 50 Hz

Frequency range of use: 45-55 Hz

Output: 3*(0-20mA, 4-20mA or 1-5V)

Input-output characteristic: Linear

Current circuit burden: < 0.5 VA (Per Phase)

Aux. supply voltage (Vx): 24, 48, 110, 125, 220Vdc , 110, 220Vac

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

Aux. supply burden: < 3VA

Output accuracy: 0.5%

Output ripple: $\pm 0.5\%$

Output load, (Max.): 500 Ω

Output open loop voltage: < 20 Vdc

Response time: < 500 mS

Current overload, (continuous): 1.5xIn

Current overload (1 sec.): 10xIn

Insulation voltage: IEC 688

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

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

Ambient humidity (RH): 20-90%

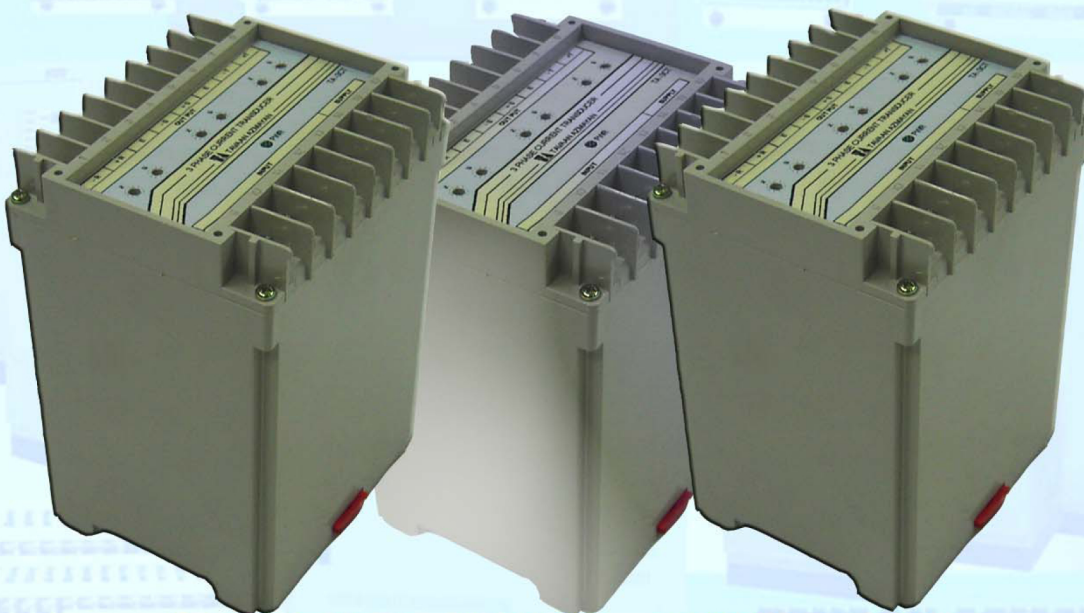
Casing: Plastic ABS

Installation: DIN Rail mounting

Overall dimensions (W×H×D): 85×70×110 mm

Total Weight: 380 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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