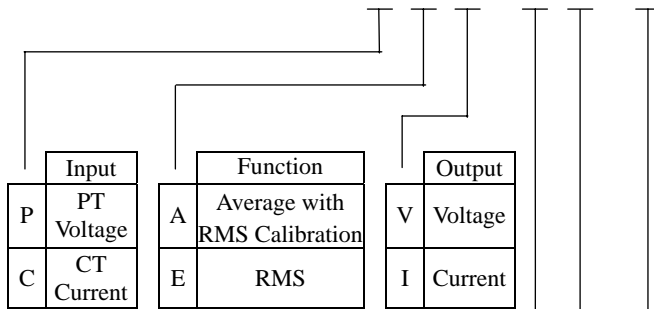


PT VOLTAGE TRANSDUCER CT CURRENT TRANSDUCER

AT-740- PAI. PAV. PEI. PEV.
CAL. CAV. CEI. CEV.

Model : AT-740-



| | AC Input | I/P Impedance |
|---|--------------|---------------|
| 1 | AC 0 - 110 V | 110 K |
| 2 | AC 0 - 150 V | 150 K |
| 3 | AC 0 - 220 V | 220 K |
| 4 | AC 0 - 250 V | 250 K |
| A | AC 0 - 1 A | < 0.5 VA |
| B | AC 0 - 5 A | |
| S | Specified | |

| | DC Output | Load Impedance |
|---|---------------|----------------|
| 1 | DC 1 - 5 V | > 2.5 K |
| 2 | DC 0 - 10 V | > 5 K |
| 3 | DC 0 - 5 V | > 2.5 K |
| 4 | DC 0 - 1 V | > 500 |
| 5 | DC 0 - 100 mV | > 100 K |
| 6 | DC 0 - 10 mV | > 10 K |
| 7 | DC \pm 10 V | > 5 K |
| A | DC 4 - 20 mA | 0 - 500 |
| B | DC 0 - 20 mA | 0 - 500 |
| C | DC 0 - 16 mA | 0 - 625 |
| D | DC 0 - 10 mA | 0 - 1K |
| E | DC 2 - 10 mA | 0 - 1K |
| F | DC 0 - 1 mA | 0 - 10K |
| S | Specified | |

Power Supply

| | | |
|---|-------------------|------------|
| 1 | AC 110V \pm 10% | 50 / 60 Hz |
| 2 | AC 220V \pm 10% | 50 / 60 Hz |
| 3 | DC 24V \pm 10% | |
| 4 | AC 24V \pm 10% | 50 / 60 Hz |
| S | Specified | |

Descriptions :

- Model A is Average Sensing with RMS Calibration and used for Sinusoidal Waveform only.
- Model E is True RMS and used for any Waveform.



Features :

- Versatility of Input and Output Ranges
- Fully Isolated between Input and Output (with transformer)
- Plug-in Socket Structure and DIN Rail Mounting
- High Reliability, Lasting Durability, Small Sized and Low Cost

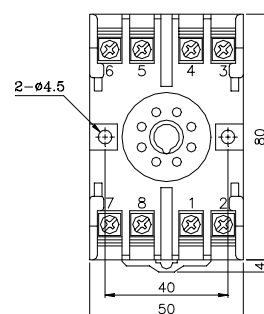
Application :

- Monitoring of Electric Power Systems
- Central Remote Control and Data Acquisition

Specifications :

- Accuracy : $\pm 0.1\%$ FS. (at 23)
- Linearity : $\pm 0.1\%$ FS.
- Response Time : 0.5 sec (0 - 90%)
- Output Ripple : 0.25% (p - p) FS
- Temp. Coefficient : $\pm 0.015\%$ FS /
- Operating Temp. : -5 ~ +55
- Operating Humidity : 0 - 90% RH
- Insulation Resistance : 100M with 500 VDC (Input , Output / Power)
- Dielectric Strength : AC 2000 V , 1 min. (Input / Output / Power)
- Case Material : Case is ABS , Base is Bakelite
- Zero and Span Adjustments : $\pm 20\%$ FS.
- Power Consumption : 4 VA

Socket and Terminal :



| | | | |
|---|--------|-----|-----------|
| 1 | + | OUT | DC Output |
| 2 | - | | |
| 3 | + | IN | AC Input |
| 4 | - | | |
| 5 | | | |
| 6 | | | |
| 7 | U(+) | PWR | Power |
| 8 | V(-) | | |