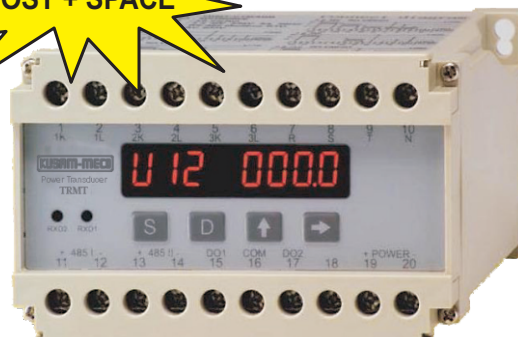


"KUSAM-MECO" Model TRMT is a complete Single or 3 phase Multifunction Transducer packaged in a standard 120mm DIN enclosure. It can be programmed by the user. The CT / PT ratio is programmable. It has RS485 modbus output signal.

It offers a cost effective solution because it replaces 10 or more conventional single function transducer. It computes all major power measurement along with many key AC measurement parameters. All measurement calculations are performed simultaneously inside one DIN rail package and transmitted via RS485. It is a key element in SCADA system.

**SAVES
COST + SPACE**



FEATURES :

- Meets to DIN-IEC 688.
- Easy Installation & Space saving.
- Simultaneous detect & display :
 - Individual Phase to neutral Voltage
 - Individual Phase Current
 - Phase to Phase Voltages.
 - Power Factor
 - Total Watt
 - Total Var
 - Watt Hour (10 digit)
 - Var Hour (10 digit)
- Frequency
- Individual Phase watt.
- CT Ratio & PT Ratio-user settable on instrument by front panel keys.
- Auto / Manual scrolling Display
- RS485 output
- Analog outputs available (Optional)
- Circuit selection of 1 2W, 1 3W, 3 3W, 3 4W - user settable on instrument by front panel keys.
- Digital outputs available for kWH & KVARH (Optional)
- High Brightness LED Display.
- High Dielectric Strength: AC 2KV/min, etween Input / Output / Power / Case.
- Baud Rate:1200, 2400,4800,9600,19200,38400 user selectable.
- Upto 255 units can be connected on single RS-485 Cable.
- Can be in corporated in any SCADA / DCS system for monitoring of Power Parameters
- ABS plastic fire retardant case, DIN Rail & Wall Mounting.

SPECIFICATIONS :

- Accuracy :
 - Voltage, Current : $\pm 0.2\%$ F.S.
 - Hz : $\pm 0.02\text{Hz}$
 - W, Var, WH, VarH, PF : $\pm 0.5\%$ F.S.
- Display Range :
 - 0.36" High Brightness LED Display.
 - 3V, 3A, W, Var, PF, Hz : 0 ~ 9999
 - +WH / +VarH(10 digit): 0 ~ 1999999999.

MODEL : TRMT — ☐ — ☐ — ☐ — ☐ — ☐ — ☐

	I/P Voltage	I/P Current	Frequency	Output Signal	Aux. Power
A	55 ~ 440V (L-N)	A 1 A	A 50 Hz	A RS 485 MODBUS	A AC 110 V
B	55~600V (L-N)	B 5 A	B 60Hz	B RS 485 MODBUS (2 Units)	B AC 220 V
				C RS 485 MODBUS (2 units) & DI Outputs (2 Units)	C DC 22~72 V
				F AC / DC 85~265V (AC & DC share)	F AC / DC 85~265V (AC & DC share)
Y	OTHER	Y OTHER	Y OTHER	Y OTHER	Y OTHER

Note: All Specification are Subject to change without prior notice.