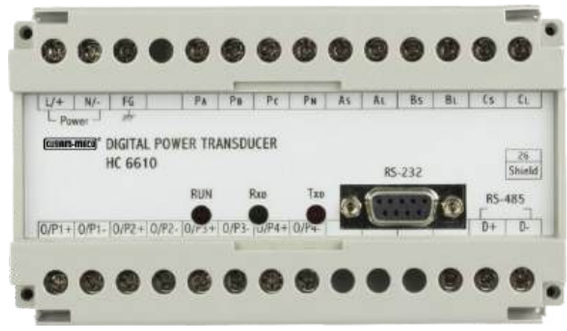
MULTIFUNCTION POWER TRANSDUCERS: MODEL - HC-6610

✶ **FEATURES :**

- Over 90 power and energy parameters
- Modbus (R) RTU or DNP3 protocol
- True RMS conversion
- Instant maximum and minimum
- Built in RTC (real time clock)
- Field programmable PT / CT ratio
- Accuracy up to 0.15%
- 2 ports : RS485 + Rs232
- 4 isolated analog outputs to transducer function
- Maximum demand control applicable
- Wide Power supply range AC/DC
- 2KV RMS input / output / power isolation
- Protective touch-proof terminals and enclosure meeting requirement of VBG4 & VDE 0106 part 100 (Germany)



Measured Power Parameters:

Parameters	Accuracy	Phase I	Phase 2	Phase 3	Phase 0	Total
VP x 3	0.15% fs	VP 1	VP 2	VP 3		VPE
VL x 3	0.15% fs	VL 1	VL 2	VL 3		VLE
A x 4	0.15% fs	A 1	A 2	A 3	A 0	
Watts	0.25% fs	W 1	W 2	W 3		W
Vars	0.25% fs	Var 1	Var 2	Var 3	(0.5%fs)	Var
VA	0.25% fs	VA 1	VA 2	VA 3		VA
PF	0.25% fs	PF 1	PF 2	PF 3		PF
WH	0.8% rd					WH
VarH	0.8% rd					VarH
Hz	0.03% rd					
Watt demand	0.25% fs					
Amper demand	0.15% fs					
Phase Rotation						

Model : HC- 6610

Order : HC-6610 -A -5.0A -H -3 -A

Version

Current input
- 1.0A
- 5.0A
- 7.5A

Power
- H : AC 80-260V, DC 80-330V
- Y : Special ordering

Option
- N : No option
- A : Pulse output * 4
- B : Analog output * 4
- C : Analog outout * 2 + Pulse output * 2
- Y : Special ordering

Communication Port
- 1 : RS - 485
- 2 : RS - 232
- 3 : RS - 485 + RS - 232
- Y : Special ordering

MULTIFUNCTION POWER TRANSDUCERS WITH DISPLAY: MODEL - TRMT

"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.

Transient Protection : 5KV (1.2 X 50μS)

SAVES COST + SPACE



✶ **FEATURES :**

- TRUE RMS
- Meets to DIN-IEC 688
- Easy Installation & Space saving.
- **Simultaneous detect & display :**
  - Individual Phase to neutral Voltage
  - Frequency
  - Individual Phase Current
  - Individual Phase watt.
  - Phase to Phase Voltages.
  - Power Factor
  - Total Watt
  - Total Var
  - Watt Hour (10 digit)
  - Var Hour (10 digit)
- CT Ratio & PT Ratio-user settable on instrument by front panel keys.
- Auto / Manual scrolling Display
- RS485 output
- Analog outputs available (Optional)
- Digital outputs available for kWH & KVARH (Optional)
- High Brightness LED Display.
- High Dielectric Strength: AC 2KV/min, etween Input / Output / Power / Case.

✶ **FUNCTIONS :**

- **Accuracy :**
  Voltage, Current : ± 0.2% F.S. Hz : ± 0.02Hz W, Var, WH, VarH, PF : ± 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-L)	A	1 A	A	50 Hz	A	RS 485 (MODBUS RTU)	A	AC 110 V
C	55~600V (L-L)	B	5 A	B	60Hz	B	Dual RS 485 (MODBUS RTU)	B	AC 220 V
						C	2 pulse	C	DC 22~72 V
						D	4~20mA + RS485	F	AC / DC 85~265V
Y	SPECIAL	Y	SPECIAL	Y	SPECIAL	Y	SPECIAL	Y	SPECIAL