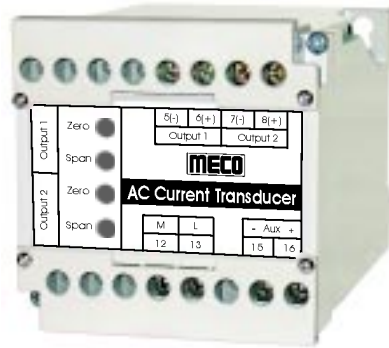




AC Current Transducer



CMT, CMT - TRMS



BPCMT, BPCMT - TRMS

MECO AC Current Transducers measure AC Current and converts it to an industry standard output signal which is directly proportional to the measured input. These Transducers provide an output which is load independent and isolated from the input. The output can be connected to Controllers, Data-Loggers, PLC's, Analog / Digital Indicators, Recorders for display, analysis or control. They are ideal for SCADA, Energy Management, Telemetry for Remote, Local as well as Central Monitoring Systems.

Type	DIN Series	Back Panel Series
Current - Average	CMT	BPCMT
Current - TRMS	CMT - TRMS	BPCMT - TRMS

AC Input	
Input Ranges	0 - 5A (Direct) 0 - 1A (Direct) CTR / 5A CTR / 1A
Measuring Range	0 - 1.2 In
Overload (continuous)	2 x In
Burden	< 0.5VA < 6VA for Self Powered

DC Output			
Current		Voltage	
Output	Load	Output	Load
0-1 mA	0-10 KΩ	0-1 V	> 1 kΩ
0-5 mA	0-2 KΩ	0-5 V	> 5 kΩ
0-10 mA	0-1 KΩ	1-5 V	> 10 kΩ
2-10 mA		0-10 V	
0-20 mA	0-500 Ω	2-10 V	> 10 kΩ
4-20 mA			

Auxiliary Power Supply		
	Tolerance	Burden
AC	110 V ± 20 % 230 V ± 20 %	< 4 VA
SMPS - LV	19 - 90V AC / DC	< 2 VA
SMPS - HV	85 - 265V AC / DC	< 2 VA
Self Powered	Refer Input Range	Refer Input Burden

Optional

- Expanded or Suppressed Input Ranges
Example : 0 - 0.8 - 1.2 In
- Other input ranges available subject to technical feasibility

Optional

- Dual Non-Isolated Outputs
- Dual Isolated Outputs, inquire with sales@mecoinst.com
- Expanded / Suppressed Output
Example : 4 - 6 - 20 mA for 0 - 0.8 - 1.2 In
- Dual Symmetrical / Asymmetrical Outputs
- Other output ranges available subject to technical feasibility

Optional

- Other Auxiliary Power Supplies available subject to technical feasibility

Dimension

- DIN Series :**
- Case Size III for Dual Output (Isolated) of AC / DC Aux. Supply
 - Case Size II for Self Powered
 - Case Size I for others

- Note :**
- Detailed specifications of BP Series on request
 - For Case Size refer General Specifications

Connection Diagram

