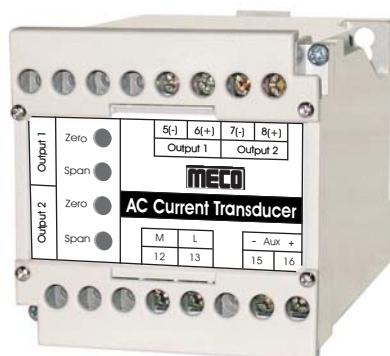




CMT, CMT - TRMS

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
Current - Average	CMT
Current - TRMS	CMT - TRMS

AC Input		DC Output ^{*1,*2}				Auxiliary Power Supply			
Input Ranges	0 - 5A (Direct)	Current		Voltage		Tolerance		Burden	
	0 - 1A (Direct)	Output	Load	Output	Load	SMPS - HV	85 - 265V AC / DC	< 2 VA	
	CTR / 5A	0-1 mA	0-10 KΩ	0-1 V	> 1 kΩ	SMPS - LV	19 - 90V AC / DC		
	CTR / 1A	0-5 mA	0-2 KΩ	0-5 V	> 5 kΩ				
Measuring Range	0 - 1.2 In	0-10 mA	0-1 KΩ	1-5 V	> 10 kΩ	Self ^{*1} Powered	^{*1} For Input 1A & 5A AC, Output 0-10 or 0-20mA DC Available Only	Refer Input Burden	
Overload (continuous)	2 x In	2-10 mA		0-10 V					
Burden	<0.5 VA	0-20 mA	0-500 Ω	2-10 V					
	^{*2} <6 VA for Self Powered	4-20 mA							

Optional

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

Optional

- Dual Non-Isolated Outputs
- Expanded / Suppressed Output
Example : 4 - 6 - 20 mA for 0 - 0.8 - 1.2 I_n
- 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 II for Self Powered
 - Case Size I for others

- Note :**
- For Case Size refer General Specifications

Connection Diagram

