Clamp - On AC Current Transformer

CCT50

CCT602

MECO CCT Series of Clamp-On Current Transformer's are designed for fast and easy installation. Clamp-On Current Transformer uses Permalloy Magnetic Core or Silicon Amorphous Core, with characteristics of small size, high precision, good stability and strong anti-interference ability.These sensor's give a standard AC Current output which is suitable to conveniently measure on Single Phase / Three Phase Circuits with good stability and high anti-interference ability. It is ideal for power and energy measurement with high precision and small phase angle error in applications related to electric power, communication, monitoring and control. It can measure a variety of electric parameters without removing cables.The Standard length of Output Leads is 2 Meter. However Output and Leads Cable can be customized.

Features

- Clamp-On Design, Safe, Easy to Install, Portable.
- Wide Inner Window, Allowing Clamping of Big Cables or Bus-Bars.
- Silicon Steel / Permalloy Core
- Operating Temperature -25°C to 75°C
- Operating Humidity < 85%
- Output Connection UL1015 22AWG Wire (Twisted Wire) 2m

Applications

- Current Measurement, Monitoring and Protection for Electrical Wiring and Equipment.
- Current and Power Measurement for Electric Motors, Lighting, Air Compressor, Heating and Ventilation System, Air-Condition Equipment and Automation-Control System.
- Current, Power and Energy Monitoring Device.

Electrical Specifications

Frequency	50 - 400Hz
Rated Input	As Below
Measuring Range	5% In - 130% In
Rated Output	0 - 5A AC (Standard)
	0 -1A AC or 0-10V AC (Optional)
Ratio	≤ ± 0.1 %
Phase Angle	≤ ± 10min
Dielectric Strength	3.0KV / 1mA / 1min
Insulation Resistance	DC500V / 100MΩ min

Specification

Model	Rated Input (A AC)	Rated Output	Accuracy	Window Size (mm) (ID)
CCT50	0 - 100A	5A AC	1.0	50
	0 - 500A			
	0 - 1000A			
CCT602	0 ~ 2000A			60

Ordering Information : Model, Rated Input (A AC) & Rated Output