(images/product/101990059 33.jpg)

Non-invasive AC Current Sensor (10A max)

SKU: 101990059

Description

Introduction:

What is CT sensors

Current transformers (CTs) are sensors that are used for measuring alternating current. They are particularly useful for measuring whole building electricity consumption (or generation for that matter).

The split core type such as the CT in the picture above, is particularly suitable for DIY use it can be clipped straight on to either the live or neutral wire coming into the building without having to do any high voltage electrical work.

Features:

Applications

- Suitable for the current measuring
- Monitoring and protection of AC motor
- Lighting equipment
- Air compressor

Specification:

- Open Size: 13mm x 13mm
- Leading Wire in Length: 1m
- Dielectric Strength(between shell and output): 1000V AC/1min 5mA
- Work Temperature: -25°C ~ + 70°C
- Resistance Grade: Grade B
- Build-in sampling resistance（RL): 186Ω
- Non-linearity: ±3%
- Output Mode: 0~1V
- Input Current: 0~10A AC
- Fire resistance property: in accordance with UL94-VO

- SCT-013 Series (http://www.seeedstudio.com/depot/images/product/2009511142810295.gif)

- CT Senors - Introduction (http://openenergymonitor.org/emon/buildingblocks/ct-sensors-introduction)
- CT Sensors - Interfacing with an Arduino (http://openenergymonitor.org/emon/buildingblocks/ct-sensors-interface)
- CT Sensors - How to build an arduino energy monitor (http://openenergymonitor.org/emon/buildingblocks/how-to-build-an-arduino-energy-monitor-measuring-current-only)

Overview

(http://www.seeedstudio.com/depot/Shenzhen-2U-t-11.html?ref=pinfo)

Designer: Others
Other Products From This Designer (http://www.seeedstudio.com/depot/Others-m-24.html?ref=pinfo)
Weight: 73 g

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