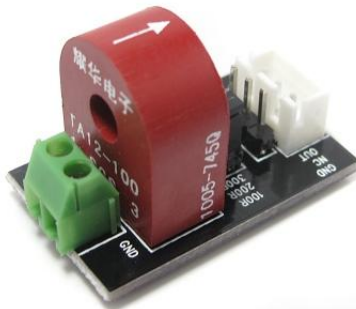


Electronic brick - Electricity meter (Analog)

Overview



TA12-100 is a module for AC current measure. With 7 options, TA12-100 module has 7 sensitivities setting for much more application.

Basic features

- Tiny
- Without any power supply
- Analog output

Specifications

PCB size	33.15mm X 20.43mm X 1.6mm
Power supply	-
Indicators	-
RoSH	Yes

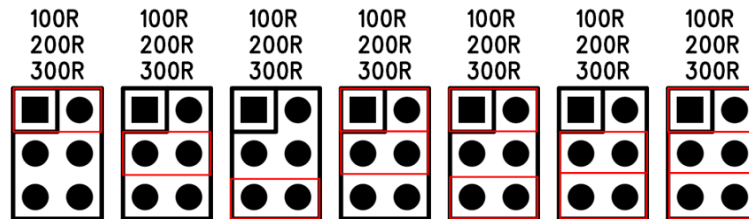
Output Setting Jumper

The output setting jumper is 3 options. One is for 100R, one is for 200R and one is for

300R. These resistors are parallel with ta12-100 sensor. Depending on the setting, the analog output could be set.

R	Output features
100R	100R resistor is parallel with ta12-100
200R	200R resistor is parallel with ta12-100
300R	300R resistor is parallel with ta12-100

Example figure



From left to right, parallel resistor is 100R, 200R, 300R, 100R//200R,
 100R//300R, 200R//300R, 100R//200R//300R

// : Parallel. For example: $100R//200R = 166.7R$.

Revision History

Rev.	Description	Release date
v1.0	Initial version	2011-10-18