

ABSTRACT

METHOD OF DETECTING LOAD CURRENT AND LOAD CURRENT DETECTOR

In order to increase the capacity of an electric load by relatively accurately detecting an operating current flowing in the electric load without a delay and setting a preset value, at which the supply of power to the load is cut, to be close to an permissible current value, this invention includes a current transformer for detecting a current flowing in the load, an A/D converting section for converting an output voltage from the secondary side of the current transformer into digital data, and a calculating section for obtaining the average value of the digital data, whereby a current value corresponding to the average value is output as a current flowing in the load.

Figure 4 should accompany the Abstract.

This Sheet Has Been Replaced

