

This module is intended to monitor a load behaviour at the long term, not for detecting current bursts. The module is placed on the wire under test. The module comprises a contactless Hall effect IC, an analog front-end and a controller. The output interface is RS-485 and has 2 RJ-11 jack in parallel. So the several modules can be connected one by one using a standard telephone cable. This chain can be connected to a host controller or concentrator. The data can be collected using simple broadcasting request. Since every module has its own address the sensor answers with its address inside the data packet so the data can be recognized.

The maximum number of modules connected to a one network is 8. The resolution is 10 bit.