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ENERGY ANALYSER K-10

ABSTRACT

Analyzer K-10 is a device that contains technical solutions that enable registration of all electrical power needed data in a period of 24 hours: current in all three phases, voltage in all three phases, active, reactive and apparent power, frequency and electrical energy. All of these data are registered as tables and diagrams, every minute. It constructs daily diagrams for current, voltage, active and reactive power, as well as daily diagram analysis with the spent electrical energy in the course of 24 hours.

Analyzer K-10 is the first Macedonian product of that kind, manufactured in the company “Energetika-VDS” from Strumica, which is also in the business of producing power meters and real-time counters for public use. The idea of producing such an instrument came out of the needs to reduce production costs through saving electrical energy in the power production, transmission and distribution systems, as well as for the industry.

Keywords: electrical power, power and cost saving, measurement.