

An Internet Controlled High Voltage Power Supply System for the Experiment COMPASS

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Abstract

An Internet controlled 32 channel high voltage power supply system (6kV/1mA) for the muon chambers of experiment COMPASS is described.

Main features of the system are:

-new method of calibration

-the software is on the bases of Windows NT and DIM protocol.

References

- [1] LeCroy Research Systems, *Modular High Voltage System*, Catalog, 1996.
- [2] R. Arnaudov, O. Bumbarov, P. Petev, T. Todorov, *Telemetric data Acquisition and control system for high voltage nuclear physics experiment*, Ohrid, 2000.