

Safety controller with CODAC Interface

Abstract

Safety controller monitors and ensures safety related instruments when high voltage operation is ongoing. Safety controller should handle access control, emergency switches, field monitoring and other instruments. Project is developing a prototype for experiments and study its interface with Linux/CODAC. Safety controller is slow controller based on Siemens PLC.

Project involves

- studying of Safety controller and requirement
- study of Linux and CODAC
- Coding PLC
- Programming in CODAC and Linux
- Testing CODAC interface and overall functionality
- Development of prototype

Eligibility: Only students of (Electronics, Power Electronics, Electrical, Instrumentation) branches can submit their application at following email addresses

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