

Case Study on State-of-the-Art PLC I/O Modules

This family of I/Os consists of the total range of modules required in a PLC System such as,

- Digital Input and Output
- Analog Input and Output
- Register Input and Output
- Special Function Modules
 - High-Speed Counter
 - Thermocouple
 - RTD

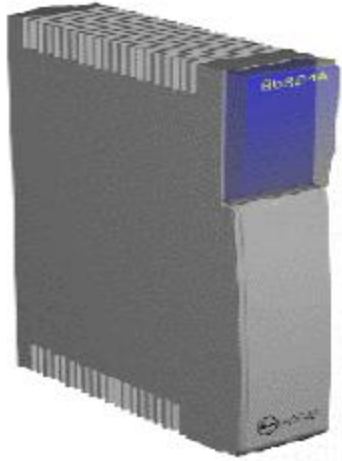
Description

The family has the following state-of-the-art features

- Module identity for individual modules
 - This feature enables the CPU to identify the module present
 - After identification, the CPU prompts the user to configure the module
 - Once configured, an insertion of a different type of module is prevented
- Configurable Outputs
 - Fail-safe (Zero / High / User-defined / Last) state is enabled in case of failure of communication between CPU and I/O module (or) CPU in stop mode
- Universal Software-configurable Analog modules
- Auto-calibration in Analog modules
- Extensive security on I/O bus (Data and Address bus parity checks)
- Extensive Diagnostic Information
 - Channel OK status
 - Fuse OF status
 - Wire-break status
- Open bus connectivity of I/Os
- Internally generated power supply
- Hot swapping of modules



Programmable Logic Controller



For further details, email to: sales@Lntemsys.com