

PLC PANEL



A programmable logic controller (PLC) or programmable controller is an industrial computer that has been ruggedized and adapted for the control of manufacturing processes, such as assembly lines, machines, robotic devices, or any activity that requires high reliability, ease of programming, and process fault diagnosis. "Dick Morley" is considered as the father of PLC as he had invented the first PLC, the "Modicon" 084, for General Motors in 1968.

PLCs can range from small modular devices with tens of inputs and outputs (I/O), in a housing integral with the processor, to large rack-mounted modular devices with thousands of I/O, and which are often networked to other PLC and SCADA systems.

They can be designed for many arrangements of digital and analog I/O, extended temperature ranges, immunity to electrical noise, and resistance to vibration and impact. Programs to control machine operation are typically stored in battery-backed-up or non-volatile memory.

PLCs were first developed in the automobile manufacturing industry to provide flexible, rugged and easily programmable controllers to replace hard-wired relay logic systems. Since then, they have been widely adopted as high-reliability automation controllers suitable for harsh environments.

A PLC is an example of a hard real-time system since output results must be produced in response to input conditions within a limited time, otherwise unintended operation will result.

MARSZ are Independent System Integrators, value added resellers & solution providers for automation technologies that enable utilities & industries to improve performance and enhance productivity while lowering overall operational costs.

We offer solutions across a broad range of industries, including Textile, Plastic, Automotive and Engineering. Expert Solutions in Blister packing / Cartoning / Strip Packing / FFS / Tube Filling / Powder

Filling & Pharma machines. We supply turnkey packages of system design, software, manufacture, installation and commissioning, or any of these elements to suit your needs.

PLC operated control panels: We expertise in industrial automation. Our experienced and skilled engineers developed PLC programming, its logic, incorporate for the smooth running of machinery with panel with regards to its industrial functions and logic so as to ensure complete process reliability, precision functionality and continuous operations.

We offer PLC's of Siemens, Allen Bradley, Messung - Mitsubishi, Schneider, Delta, Telemecanique, Panasonic and with also PLC operated Control Panel & Scada Systems. PLC Panel finds wide application in different industries for controlling electrical power supply using programmable Control Logic Processor. The PLC Panel, offered by us, is engineered with utmost precision for easy monitoring and controlling which makes process error free. Our PLC Panel has both the input and output connectors of high quality.