

Modular Programmable Logic Controller for Industrial Automation

This modular programmable logic controller is designed for industrial automation applications. It utilizes a CPU module with embedded technology and offers performance monitoring.



System Overview

Industrial PLC Automation

The MB40 intelligent programmable logic controller offers a powerful, modular solution for demanding industrial automation environments. It features Pentium-class CPU performance, real-time multitasking, and robust hot-standby redundancy to ensure maximum system reliability. The system is designed for ease of use, featuring quick-connect board wiring, intelligent self-diagnostic modules, and user-friendly flowchart-based programming software.

Hardware Performance

Processor Performance

300 MHz

CPU Clock Speed

1 ms

SOE Resolution

Connectivity

Network & Serial Ports

- 10M/100M Ethernet with Modbus/TCP support
- 8-channel RS-232 / RS-485 serial interfaces
- Dedicated GPS standard clock interface
- Direct touch-screen HMI connection

System Features

Redundancy Capabilities

Dual CPU • Dual Ethernet • Double Bus • Hot Standby

Standard Compliance

IEEE P996.1, Modbus/TCP, SOE Event Logging

Modules

Supported Modules

Module Type	Functionality
Power Supply	24VDC
Input	Digital, Analog Current/Voltage, RTD
Output	Relay, 24VDC Negative Logic
CPU	High-performance data processing