

Compact Programmable Logic Controller for Automation

This compact programmable logic controller is designed for industrial automation applications. It features digital and analog I/O, allowing for versatile control of various devices and processes.



Overview

Compact Automation Control

This micro-PLC offers high-performance control capabilities in a compact form factor, measuring less than half the size of standard brick PLCs. It provides versatile functionality with built-in digital and analog I/O, supporting up to 256 I/O points through expansion modules. Designed for industrial environments, it features robust communication options and high-speed pulse processing, making it an ideal choice for space-constrained automation tasks.

Technical Specifications

Power Consumption

3 W

Min Power

6 W

Max Power

I/O Expansion Capacity	256 points
Serial Communication Ports	2
Unit Weight	0.158 kg

Electrical Ratings

Supply Voltage	24 Vdc (-15 to 20%)
Input Current	5 mA
Insulation Resistance	>5 M Ω @ 50Vdc

Environmental Ratings

Operating Temperature	32 to 131°F (0 to 55°C)
Storage/Transport Temperature	-25 to 70°C (-13 to 158°F)

Certifications

Agency Certifications	UL 508, cUL, CE, Class 1, Div 2
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Immunity Standards

Immunity Specifications

Type	Rating
ESD Air Discharge	8 kV
EFT Power Line	2 kV
EFT Digital I/O	1 kV
Damped-Oscillatory Power	1 kV
RS Immunity	10 V/m (26 MHz to 1 GHz)