Product No: IC200MDD842

EMERSON MIXED I/O MODULEMIXED I/O MODULE IC200MDD842

FEATURES

- Powerful and Reliable VersaMax controllers provide powerful, reliable operation.
- Modular, high-density VersaMax IO is versatile, compact, and affordable. Its scalable architecture and ease of use save time and money for both machine builders and end users. Media redundancy and hot swap capability increase uptime. A broad range.
- Designed to minimize costs, these versatile controllers are easy to use and support and offer a wide range of I/O expansion modules and communications options.

General Information	
Brand	EMERSON
Product Type	Controller
Series	VersaMax
Suitable For	VersaMax Modular CPUs
test cat desc attr	Discover the power of industrial automation with IPD's range of programmable logic controllers (PLCs). We offer a comprehensive selection of PLCs that cater to diverse industrial applications, with a focus on quality, reliability, and cutting-edge technology. Industrial automation systems are instrumental in efficiently controlling and monitoring processes, machines, and devices in a computerized manner, alleviating repetitive tasks and enhancing productivity in various industries. These systems are designed to operate automatically, reducing the need for manual labour, and optimizing efficiency. In the realm of automation, four types of systems are commonly employed, fixed automation, programmable automation, flexible automation, and integrated automation. Each type offers distinct advantages and applications,

empowering businesses to streamline operations and achieve optimal results.

Benefits of Automation in Industrial Setting

- Reduced factory lead times
- Faster return on investment (ROI)
- Improved competitiveness in the market
- Consistent and enhanced part production and quality
- Smaller environmental footprint
- Improved planning capabilities
- Decreased reliance on outsourcing
- Optimal utilization of floor space

A programmable logic controller (PLC) is a highly capable solid-state control system that utilizes user-programmable memory to store instructions for executing various functions such as I/O control, logic operations, precise timing, accurate counting, three-mode (PID) control, communication protocols, arithmetic calculations, and data and file processing.

PLCs have evolved into sophisticated controllers capable of managing complex processes. Originally designed to perform the logic functions previously carried out by electrical hardware like relays, switches, and mechanical timers/ counters. They find substantial application in SCADA systems and Distributed Control Systems and are often employed as the primary controller in smaller system configurations. PLCs play an extensive role in virtually all industrial processes, offering reliable and efficient control solutions.

In the realm of programmable logic controllers, below range of offerings feature renowned global brands including Emerson, and IDEC. Introducing VersaMax Modular I/O and Control - the epitome of versatility by Emerson. This exceptional control solution is compact, cost-effective, and adaptable, serving as a compact PLC, distributed I/O, or distributed control system. With its modular and scalable design, user-friendly features, and seamless integration with open systems, VersaMax proves to be a time and cost-saving solution for machine builders and end-users alike.

The IDEC MicroSmart FC6A series is available in two types, Plus and All-in-One. The Plus type

features a dual RJ45 Ethernet port and embedded web server functions, and the All-in-One type features an embedded serial port and RJ45 Ethernet port.

Discover the exceptional IDEC FT1A SmartAXIS controllers including the special FT1A with in-built touch screen HMI, meticulously crafted to offer unique features and advanced functions, perfect for applications with limited I/O needs. Benefit from its embedded Ethernet port, Modbus TCP and RTU support, USB for data logging and program updates, and Class I Div. 2 hazardous locations compliance.

Why Choose IPD for your industrial automation and PLC needs?

1. **Comprehensive Product Range:** The collection features a comprehensive range of Industrial Automation and Programmable Controllers, to suit various applications and environments.
2. **Quality Assurance:** At IPD, quality is paramount. We ensure that all the range of PLCs undergo rigorous testing and adhere to international standards. This commitment to quality guarantees optimal performance, reliability, and longevity.
3. **Expertise and Support:** With our years of experience and in-depth knowledge, we understand the complexities of industrial automation. Our team of experts is ready to assist you in selecting the right PLC automation solution tailored to your specific requirements.

Order your programmable logic controllers from IPD and experience the transformative power of industrial automation. Browse below range of PLCs and take the first step towards streamlining your processes, increasing efficiency, and achieving unprecedented control. Contact us via 1300 556 601 to discuss your automation requirements and discover how we can be your trusted automation partner.

Technical Attributes

Input Voltage DC (V)	24
No. of Input Points	16
No. of Output Points	16
Output Current (A)	0.5
Rated Maximum Operational Voltage DC (V)	24

Physical Attributes	
Operational Temperature Range (°C)	-40 to +60

Protection & Standards	
Degree of Protection	IP 20

Resources	
Product catalogue (Flipbook)	Download from here