

MX606 IoNix Field Controller



PRODUCT INTRODUCTION

The MOX IoNix Field Controller is a compact and feature-rich controller designed for remote area installations or small systems distributed control solutions. Rack based MOX 603 Modular I/O modules provide the necessary field connectivity in conjunction with optional serial or Ethernet I/O devices.

With built in compatibility to the MOX 601 Open Controller and MOX 602 Field Controller families, and with seamless integration to the MOX 603 Modular I/O range, the MOX IoNix Field Controller completes the entire range of Intelligent Automation products designed and manufactured by MOX Products.



Features

Powerful 32-bit 486 Processor

32 MB CPU RAM

Up to 32MByte Disk on Chip for program and data storage

Hot Standby Controller Redundancy

High speed 10/100 Ethernet port

Two user-configurable RS232/RS485 serial ports

Modular design cascades directly with MOX 603 I/O

Expand with Remote I/O

Integrated and transportable IEC61131 software



The MOX IoNix packs a powerful 32-bit processor, 32MB RAM and numerous communications options into a compact and modular package.



The MOX IoNix Field Controller delivers 32-bit processing power for compact monitoring and control solutions. Any MOX 603 I/O modules can be directly cascaded or connected via Ethernet or serial communication ports.

Cascade any MOX 603 I/O module directly to the backplane for a compact monitoring and control solution. Onboard communication ports provide connectivity to remote I/O, HMI/SCADA systems, and other interface panels.

Generally, a MOX IoNix Controller will efficiently communicate and control a maximum of 10 interconnected I/O modules. If additional I/O Modules are required, then expansion I/O racks may be installed.

Sufficient power must be supplied to the rack based MX603-4001 PSU to power all interconnected I/O modules. An external 24VDC power supply rated to 50W (or higher) is recommended.



Features

- Powerful 32-bit 486 Processor
- 32 MB CPU RAM
- Up to 32MByte Disk on Chip for program and data storage
- Hot Standby Controller Redundancy
- High speed 10/100 Ethernet port
- Two user-configurable RS232/RS485 serial ports
- Modular design cascades directly with MOX 603 I/O
- Expand with Remote I/O
- Integrated and transportable IEC61131 software

