

DATASHEET

Fisher PROVOX[®] ControlLogix[®] Module, non-CE CLX-PVX

The Fisher PROVOX[®] module allows an Allen-Bradley[®] ControlLogix[®] processor to control PROVOX I/O devices. This module allows a phased migration approach to be used when upgrading or replacing the PROVOX controllers. The gateway provides automatic creation of the PROVOX network scan-list and generates the associated RSLogix™ 5000 tags reducing engineering effort. Monitor mode allows verification of your conversion logic using live I/O data without impacting the running legacy system. Once the new PAC is commissioned the legacy I/O can be upgraded one module or one rack at a time as scheduled downtime is available. This module minimizes the risk of excessive downtime when upgrading legacy control systems.



Features:

- ◆ Supports PROVOX I/O bus redundancy
- ◆ Auto-Configuration feature detects the PROVOX network cards and I/O modules, creating a scan-list that minimizes the risk of configuration errors
- ◆ Monitor mode enables testing and verification of the conversion logic before controlling physical I/O, reducing the risk of production loss due to programming errors
- ◆ Each module supports up to 64 I/O cards
- ◆ Supports PROVOX 20-Series Control I/O files 1 to 16 and 10-Series I/O with serial buffer card
- ◆ Auto-Configuration feature maps the PROVOX I/O data into tags in the ControlLogix processor
- ◆ Supports 250 words of input data and 248 words of Output data transferred on an I/O connection to an Allen-Bradley ControlLogix processor
- ◆ Diagnostic data is transferred from the PROVOX card to the processor
- ◆ Configuration software uses RSLinx™ to communicate to the PROVOX module
- ◆ Add-On Instructions are provided to convert between PROVOX % and CLX real numbers
- ◆ 4 character scrolling LCD display showing module status
- ◆ A multi-colored LED indicates status of the communications between the PROVOX module and the processor
- ◆ A multi-colored LED indicates the status of the PROVOX Remote I/O network
- ◆ Module is hot-swappable



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Hardware Specifications

Specification	Description
Ports	1 Primary and 1 Secondary BNC Connector for connecting to the PROVOX network
Typical Power Consumption	675 mA @ 24 Vdc and 5 mA @ 5.1 Vdc
Maximum Power Dissipation	20W
Operating Temp	32°F to 140°F (0 °C to 60 °C)
Storage Temperature	-40°F to 185°F (-40 °C to 85 °C)
Humidity	5% to 95% RH, with no condensation

Desktop use or DIN Rail Mountable

Ordering Information

Fisher PROVOX® ControlLogix® Module, non-CE

CLX-PVX

How to Contact Us: Sales and Support

Sales and Technical Support for this product are provided by ProSoft Technology. Contact our worldwide Sales or Technical Support teams directly by phone or email:

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