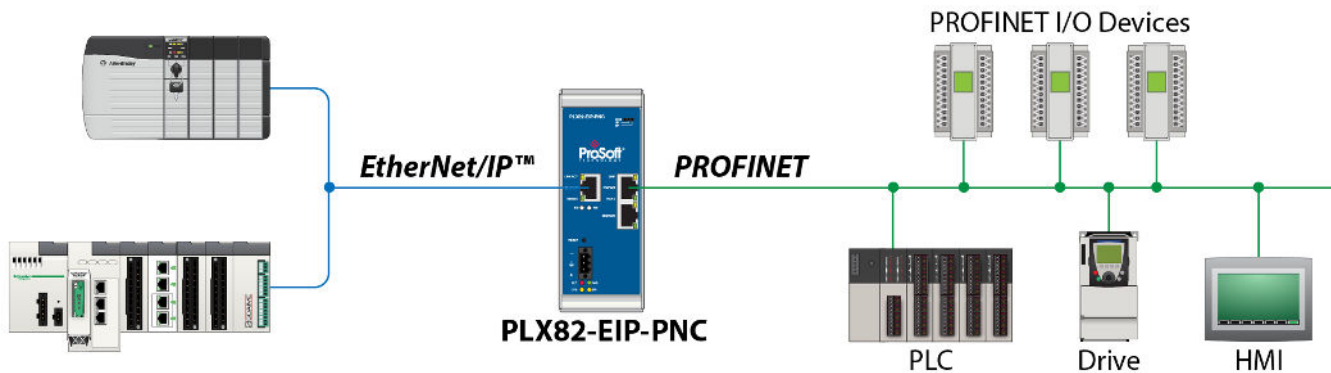


DATASHEET

EtherNet/IP™ to PROFINET Controller Gateway PLX82-EIP-PNC

The EtherNet/IP™ to PROFINET Controller Gateway allows you to connect two giants of industrial automation through secure, high-speed communications. The gateway provides EtherNet/IP-based controllers the ability to control up to 36 PROFINET RT devices such as field I/O, drives, HMIs, and controllers.

The PLX82-EIP-PNC gateways are stand-alone DIN-rail mounted units that provide two Ethernet ports for communications, remote configuration, and diagnostics. The onboard SD Card slot (SD card optional) is used for storing configuration files that can be used for recovery, transferring the configuration to another gateway, or general configuration backup.



Features

- ◆ Multiple I/O connections allow for high-speed control for large PROFINET I/O systems
- ◆ Isolated Ethernet ports allow devices on different protocols to be on different subnets
- ◆ ODVA-approved
- ◆ PROFINET v2 certification with PROFINET class A compliance
- ◆ Field-tested with multiple PROFINET devices from multiple vendors
- ◆ Remotely view and diagnose EtherNet/IP and PROFINET networks
- ◆ Embedded EDS AOP provided to allow for seamless integration to Studio 5000 and RSLogix™ 5000
- ◆ Using EtherNet/IP I/O connections, no ladder programming is required
- ◆ Video setup tutorial provided on www.prosoft-technology.com

EtherNet/IP® Specifications

Specification	Description
Class 3 Server Connections	5
Supported PLC Types	PLC2, PLC5, SLC, CLX, CMLPX
Class 3 Client Connections	Connected: 2 Unconnected: 1
Class 1 I/O Connections	20
Supported PLC Types	PLC2, PLC5, SLC, CLX, CMLPX
Max I/O connection size In/Out	248/248
Min RPI time	2 ms (1 connection) 8 ms (8 connections)
CIP Services Supported	0x4C - CIP Data Table Read 0x4D - CIP Data Table Write
Command List	Support for 100 commands per Client, each configurable for command type, IP address, register to/from addressing and word/bit count.

PROFINET Specifications

Specification	Description
Driver Type	Class 1 RTC, Class 1 RTA
PROFINET I/O Data	3840 bytes IN, 3840 bytes OUT
Exchange Types	Cyclic Real-time (RT) and Acyclic Data
PROFINET Devices	Max: 36 Max data per device: 1440 bytes in/out

Hardware Specifications

Specification	Description
Power Supply	24 VDC nominal 10 to 36 VDC allowed Positive, Negative, GND Terminals
Current Load	24 VDC nominal @ 400mA 10 to 36 VDC @ 610mA maximum
Operating Temperature	0° to 50°C (32° to 122°F)
Storage Temperature	-10° to 70°C (-14° to 158°F)
Relative Humidity	5% to 95% RH with no condensation
Shock	Operational: IEC 60068-2-27; 15G @ 11ms, 3-Axis Non-Operational: IEC 60068-2-27; 30G @ 18ms, 3-Axis
Vibration	IEC 60068-2-6; 5G @ 10 to 150 Hz
Dimensions (H x W x D)	5.52 x 2.06 x 4.37 in 14.01 x 5.24 x 11.09 cm
Ethernet Port	10/100Mbit RJ45 Connector Electrical Isolation 1500 Vrms at 50 to 60 Hz for 60 seconds.
Shipped With Each Unit	2.5 mm screwdriver, J180 Power Connector

Agency Approvals and Certifications

Please visit our website: www.prosoft-technology.com

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[PROFIBUS](#) – Cables specifically for PROFIBUS.



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Ordering Information

To order this product, please use the following:

EtherNet/IP to PROFINET Controller Gateway

PLX82-EIP-PNC

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft Technology distributors near you, go to: www.prosoft-technology.com and select *Where to Buy* from the menu.

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