

EtherNet/IP™ to Reliance AutoMax DCS or Remote I/O Gateway, non-CE AN-X3-AMX

The AN-X3-AMX gateway provides a migration path for users looking to upgrade Reliance® AutoMax DCS or Remote I/O networks.

On a *Reliance AutoMax DCSNet* network, the AN-X3-DCSNet mode supports both Master and Slave functionalities. It can exchange scheduled data over Ethernet with an EtherNet/IP™ Originator, including ControlLogix processors, with any available RPI.

On a *Reliance AutoMax Remote I/O* network, the AN-X3-AMX-RIO mode supports the Master functionality. It allows an EtherNet/IP™ Scheduled Originator or a ControlLogix® processor to control Reliance AutoMax Remote I/O.



Features

DCSnet

The AN-X3-DCSNet mode acts as a Master or Slave on a Reliance DCSNet Ethernet network.

- Maintains Standard DCS diagnostic counters.
- Broadcasts 8 words of data every 2.8ms
- Supports up to 16 scheduled connections to a ControlLogix processor.
- As a Master, the AN-X3-DCSNet scans up to 55 Slaves.
- As a Slave, the AN-X3-DCSNet acts as any drop number from 1 to 55, with a drop depth up to 55.
- Slave supports 32 words of input and 32 words of output data per drop.
- Monitors the input and output data on other drops on network
- Communicates with an AutoMax processor using AutoMax Programming Executive 3.9A, 4.3A, or above.

AMX-RIO

The AN-X3-AMX-RIO mode acts as a Master on an AutoMax Remote I/O network.

- Scans up to 7 Slaves.
 - Supported Output and Input Data (248/250) words.
 - Scans AutoMax Remote I/O racks and heads.
 - Maintains diagnostic counters.
 - Scheduled data can be exchanged with RPI times from 1 to 750ms.
 - Configuration text file can be created using auto-configure mode.
 - I/O Data aliases and diagnostic descriptions can be imported to RSLogix
 - Uses a web interface for configuration and monitoring.
-

Hardware Specifications

Specification	Description
Ports	1 RJ45 10/100 Mbps Ethernet port 1 Phoenix 3-pin power connector 1 DB9 serial connector
Typical Power Consumption	300 mA @ 12 VDC 150 mA @ 24 VDC
Maximum Power Dissipation	3.6 W
Operating Temperature	32°F to 122°F (0°C to 50°C)
Storage Temperature	-40°F to 185°F (-40°C to 85°C)
Dimensions	107 x 126 x 34 mm 4.18 x 4.97 x 1.33 in (Not including connectors)
Humidity	5% to 95% Relative Humidity, with no condensation

Desktop use or DIN Rail mountable.

Agency Approvals & Certifications

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



Additional Products

ProSoft Technology® offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms. For a complete list of products, visit our website at: www.prosoft-technology.com

Ordering Information

To order this product, please use the following:

EtherNet/IP™ to Reliance AutoMax DCS or Remote I/O Gateway, non-CE

AN-X3-AMX

To place an order, please contact a local ProSoft distributor.

A list of ProSoft-authorized distributors is available on our website at:

www.prosoft-technology.com

and select *Where to Buy* from the menu.

Copyright © 2023 ProSoft Technology, Inc.

All rights reserved. December 8, 2023

For Public Use.

Specifications subject to change without notice.