



## **DCSnet Gateway Links AutoMax Systems to EtherNet/IP**



The M/N 77C387 AMXN-ENET Gateway module operates as a high speed interface between Rockwell Automation AutoMax /DCS5000 DCSnet network and Ethernet.

The AMXN-ENET Gateway offers "state of the art" communication speed and connect-ability to the AutoMax platform. Maintain your investment in AutoMax based DPS drive and control systems by integration into plant networks.

Ethernet connection for your installed base of AutoMax controllers enhances ease of system expansion, links to management information systems and centralized maintenance systems.

Supported EtherNet/IP protocol provides seamless connection to the Control-Logix, FlexLogix, CompactLogix (L35E) controllers, A-B PanelView Plus and OPC servers.

The M/N 77C387 AMXN-ENET Gateway, using AutoMax programming software Virtual Device Driver, accommodates online programming, operating system download, program upload/ download and monitor at lightning speeds over Ethernet for DCSnet connected AutoMax racks and AutoMax PC3000 systems.

### **77C387 AutoMax Ethernet Interface**

The M/N 77C387 AMXN-ENET module can be software configured to operate as a DCSnet Slave connecting at a configured drop 1 thru 55 at a drop depth of 1 thru 55 or as a DCSnet Drop 0 operating as a DCSnet master.

Mapping of DCSnet Drop area's use PLC5 emulation with DCSnet registers 0(broadcast and diagnostic) and 1-55 mapped to PLC5 files N100 thru N155 (each file is 64, 16bit registers long corresponding to each DCSnet drop).

Bridging of data between M/N 77C387 AMXN-ENET modules is supported providing for high-speed communication between AutoMax networks using Ethernet. This is useful in connecting multiple AutoMax PC3000 Systems, where they operate as Drop 0 masters controlling A-C and DC drives.



## M/N 77C387 AMXN-ENET Gateway Product Specifications

- Supports AutoMax programming and monitor functions over Ethernet using VDD supplied with Rockwell Automation AutoMax software
- Configurable for DCSNet Slave mode drops 1-55 with drop depth 1-55
- Configurable for DCSNet Drop 0 Master Mode including broadcast and diagnostic Registers
- PLC5 Emulation - files N100 thru N155 (each file is 64, 16bit registers corresponding to each DCSnet drop)
- Support for OPC server for Operator Interface, MMI and other level 2 computer monitor and supervisory applications.
- Support for EtherNet/IP protocol for seamless interface with ControlLogix, FlexLogix, CompactLogix L35E.
- EtherNet/IP scheduled configurable connection
- Register selectable bridging between AMXN-ENET modules
- EtherNet/IP explicit and Implicit messaging
- Bridge mapping and scheduled connection mapping configured using spreadsheet and web browser
- Programming Support for V4.3A and 3.9A AutoMax and PC3000 V4.3A
- Network Compatible with all version of AutoMax and DCS5000
- Supports Ethernet 10/100 megabits/second
- Maximum data transfer rate over Ethernet 1.5 Mbytes/second
- Provides DCSnet interface avoiding hardware dependence (ISA,-PCI PC card)
- Firmware field upgradeable using supplied utility over Ethernet
- DIN rail mounting and adaptor power supply included
- Rugged extruded aluminum housing, low power with industrial temperature rating



## Ordering Information

- For order or technical support call toll free 877-741-0007 or place your order on the web
- M/N 77C387 requires Passive Tap (M/N 57C380 or 77C380 and cable (M/N 57C381 or 77C381)
- M/N 77C387 Includes gateway module, Adaptor Power Supply and Software
- M/N 77C387K Includes all required for connection to AutoMax DCSnet including:
- M/N 77C387 gateway module, Adaptor Power Supply and Software,
- M/N 77C380 Mini Passive Tap
- M/N 77C381 Cable

AutoMax, DCSnet, PLC5, ControlLogix, FlexLogix and CompactLogix are trademarks or trade names of Rockwell Automation

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