



EtherNet/IP Client/Server Communication Module MVI46-DFNT

With the growing trend of EtherNet/IP technology in the industrial marketplace, this product has a wide variety of application uses. Industries that use this technology

- Food Processing
- Petrochemical
- Pulp and Paper
- Automobile Manufacturing

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EtherNet/IP Client/Server Communication Module

MVI46-DFNT

The MVI46 EtherNet/IP (DF1 for Ethernet) Client/Server Communication Module is an SLC backplane compatible module that allows SLC processors to interface easily with EtherNet/IP protocol (Explicit Messaging) compatible devices and hosts. Devices commonly supporting the protocol include Rockwell Automation PLCs, and host HMI systems.

Features and Benefits

The MVI46-DFNT module is a single slot solution that provides a powerful connection between Rockwell Automation's SLC processor and EtherNet/IP (DF1 for Ethernet) network applications.

The module can send read or write commands to remote devices on the EtherNet/IP network. The MVI46-DFNT also has 20 servers that allow the module to receive commands from remote devices. The MVI46-DFNT Pass-Through server allows the user to edit and transfer the SLC ladder logic using an Ethernet connection. Up to 100 commands can be configured by the user.

General Specifications

- Single Slot – 1746 backplane compatible (Local or extended I/O rack only. Remote rack not supported)
- The module is recognized as an Input/Output module and has access to processor memory for data transfer between processor and module using M0/M1 files
- Ladder Logic is used for data transfer between module and processor. Sample ladder file included
- Configuration data obtained from configuration text file downloaded to module. Sample configuration file included

Hardware Specifications

Specification	Description
Backplane Current Load	800 ma @ 5V (from backplane)
Operating Temperature	0 to 60°C (32 to 140°F)
Storage Temperature	-40 to 85°C (-40 to 185°F)
Relative Humidity	5 to 95% (non-condensing)
Shock	30g operational, 50g non-operational
Vibration	5 g from 10150 Hz

