The 2572 Ethernet TCP/IP module provides connectivity to Ethernet local area networks and allows the PLC to communicate with other network nodes using the Transmission Control Protocol / Internet Protocol (TCP/IP). Using the 2572, other devices on the network can acquire data from the PLC, send data and programs to the PLC, and exercise supervisory control over the PLC operation.

The module provides two serial ports which function as additional PLC program ports, attaches directly to IEEE 802.3 10BaseT via an RJ-45 connector, and includes UDP and TCP support.

Features

- Single-wide I/O module
- Attaches to all Ethernet media (incl. RJ45)
- Two serial ports for PLC programming/MMI
- Server and Client mode operation for peer-to-peer communications
- Complete compatibility with Workshop and Tisoft®
- Supported by popular MMI packages
Applications

The 2572 Ethernet TCP/IP adapter connects the CTI 2500 Series or Simatic® 505 PLC to Ethernet local area networks. It allows communication between the PLC and other network nodes using the TCP/IP protocol. Using the 2572, other devices on the network can get data from the PLC, program the PLC and exercise supervisory control over the PLC operation. The 2572 also provides high-speed PLC access from networked MMI stations and peer-peer communications between PLCs.

Specifications

| Ethernet Ports | 1 - IEEE 802.3 10BaseT with RJ-45 connector  
|                | 1 - IEEE 802.3 AUI port with female DB15 connector  
|                | 10BaseT port auto-selected if Link Beat is present  
|                | AUI power derived from PLC backplane or external power supply |
| Serial Communications Ports | 1 ea. - RS-232C (subset) male DB9 connector, DTE.  
|                            | RS-232 handshake lines - RTS, CTS, DSR, DTR  
|                            | 1 ea. - RS-422 with Female DB9 connector  
|                            | 1500 VDC isolation channel-to-PLC |
| Diagnostic LEDs | 1 ea. - Module Status (ACTIVE)  
|                  | 3 ea. - Transmit Data  
|                  | (Serial Port 1, Serial Port 2, Ethernet)  
|                  | 3 ea. - Receive Data  
|                  | (Serial Port 1, Serial Port 2, Ethernet)  
|                  | 1 ea. - 10BaseT Link Beat Detected  
|                  | 1 ea. - AUI Port Selected  
|                  | 1 ea. - Collision Detected  
|                  | 1 ea. - Reversed Polarity (10BaseT Port) |
| Backplane Power Consumption | 6.0 Watts @ 5 VDC |
| Module Size | Single Wide |
| Operating Temperature | 0°C to 60°C (32°F to 185°F) |
| Storage Temperature | -40°C to 85°C (-40°F to 185°F) |
| Humidity | 0% to 95% (non-condensing) |
| Agency Approvals | FM, UL, UL for Canada, CE |