2500C-2572-B
Compact Fast Ethernet TCP/IP Adapter

Compact

includes a full function TCP/IP stack that supports both TCP and UDP protocols.

The module provides extensive diagnostic facilities, accessible via a standard web browser, to aid in the detection and correction of network problems. A web browser can also be used to configure the module. Configuration changes are secured by password protection and can be disabled entirely via module switch settings.

Features

- IP address display on front panel

- No serial connection required to set IP address

- Supports 10Mb and 100Mb Ethernet

- Does not require special configuration software and cables

- Offers enhanced browser-base diagnostic facilities to help in troubleshooting

- Incorporates flash memory technology to facilitate firmware upgrades in the field using a web browser

- Compatible with 2572, 2572-A and 505-CP2572 PLC logic interface

- Fully compatible with 2572-DDS2 and 2572-OPC I/O servers

Description

The 2500C-2572-B Fast Ethernet TCP/IP Adapter is a Compact version of the Classic 2572-B Fast Ethernet TCP/IP Ethernet Adapter.

The 2500C-2572-B provides network services to CTI 2500 Series® Compact PLCs. Using the TCP/IP protocol, suitably configured network stations can acquire data from the PLC, send data and programs to the PLC, and exercise supervisory control over the PLC operation. In addition, the PLC can use the 2572-B to access data in other PLC systems equipped with a CTI 2572-B, 2572-A, 2572 or 505-CP2572 modules.

The 2500C-2572-B module directly attaches to Ethernet twisted pair cabling via the Ethernet CAT5e connector (RJ-45) and can be used with either 10Mb or 100Mb data links (half or full duplex operation). The module automatically detects network speed and duplex mode and configures its port accordingly. The firmware

Specifications

Module Size: Single Wide

Ethernet Port:
Speed autosensing.
RJ-45 style connector.
Accepts shielded twisted and unshielded twisted pair cabling.

Diagnostic LEDs:
Module status
Network status
Activity
Link status
Full duplex
100 Mb operation

Backplane Power: 2.5 watts

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ROCK SOLID PERFORMANCE. TIMELESS COMPATIBILITY.

Operating Temperature
0°-60°C (32° to 140°F)

Storage Temp
-40° to 85°C (-40° to 185° F)

Relative Humidity
5% to 95% (non-condensing)

Agency Approvals:
UL, UL-C, CE (pending)
Class 1 Div 2 (pending)

Shipping Weight
1.5 lb. (0.68 Kg)

Comparing Ethernet Solutions

Feature	CTI 2572	505-CP1434	CTI 2572-A	CTI 2572-B / 2500C-2572-B
Supports 100Mbit Ethernet	no	no	yes	yes
Requires special configuration software and cable	no	yes	no	no
Configurable from PLC	yes	no	yes	yes
Connection to S7	yes	yes	no	no
Connection to Modbus-TCP	no	no	yes	yes
Ethernet-IP (communicate to ControlLogix®)	no	no	yes	yes
Multicast	yes	no	yes	yes
Email	yes	yes	no	no
Communicates with CTI OPC/DDE servers	yes	yes	yes	yes
Automatic IP addressing using DHCP	no	no	yes	no
PLC logic compatible with 2572 and 505-CP2572	yes	no	yes	yes
Webserver access for configuration and diagnostics	no	no	yes	yes
Power	6W	22W	2.5W	2.5W

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