

CTI-2572

2572 Ethernet TCP/IP Adapter

Control Technology Inc. CTI-2572 is a single-wide Ethernet TCP/IP adapter for compatible CTI 2500 and Siemens/TI 505 control systems, with 10BaseT networking and two serial ports.

PRODUCT SNAPSHOT

BRAND

CTI-Control Technology Inc

FAMILY

CTI 2500 Classic / Siemens TI 505

PART

CTI-2572

DOCUMENT STATUS

Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

+86 180 3023 5313

WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

CTI-2572 provides Ethernet TCP/IP communications for a compatible CTI 2500 or Siemens/TI 505 control system.

-  Single-wide CTI 2500/505-compatible module
-  IEEE 802.3 10BaseT RJ-45 interface
-  TCP and UDP client/server communications
-  Two serial ports with programming/MMI support

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
CTI-2572 product assembly	Matched host system
Documented field interfaces	Approved configuration record

ENGINEERING CONTEXT

The adapter occupies one I/O slot and bridges the controller to a 10BaseT network while retaining two serial interfaces. Commissioning restores addressing, routing, PLC logic/configuration and application connections before service.

TECHNICAL DATA

PARAMETER	VALUE
CTI model	2572
Module type	Ethernet TCP/IP adapter
Form factor	Single-wide I/O module
Ethernet standard	IEEE 802.3 10BaseT
Ethernet connector	RJ-45
Transport protocols	TCP and UDP

PARAMETER	VALUE
Serial interfaces	Two ports for PLC programming and MMI use
Communication roles	Client/server and peer-to-peer
Serial redirection	Supported
Programming support	Workshop and TISOFT
Lifecycle	Mature product from 1 August 2012
Documented successors	2572-A and 2500-ECC1, subject to application review

RELATED GE PRODUCT PAGES

1

ABB zint-592-3aua0000103603

2

ABB zcu-14-3axd50000182992-768573

3

ABB zcu-14-3axd50000005164

4

ABB xvc772a102-3bhe032285r0102

5

ABB nbra-657c-c2-a059006410

6

Schneider Electric bmxddi3202k-469854

7

Bently Nevada 10026-02-12-05-02

8

Bently Nevada 10030-05-30-05-02

9

ABB 3bhb003041r0101

TECHNICAL NOTE

Correct the legacy record to CTI-Control Technology Inc. and exact model CTI-2572. Record IP address, subnet mask, default router, TCP/UDP port use, PLC memory mapping and both serial-port assignments before replacement. Do not represent it as a Siemens-manufactured module.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

PLC Ethernet integration

Connects a compatible controller to TCP/IP hosts.

HMI and SCADA access

Provides the documented network path for supervisory systems.

Peer controller communications

Supports configured client/server or peer exchange.

Legacy network maintenance

Preserves a mature 2572 Ethernet node.

PRODUCT PRECAUTIONS

1

Confirm CTI-2572 on the complete Control Technology Inc. nameplate.

2

Place the controller and connected process in the approved maintenance state.

3

Back up IP address, subnet mask, default router, port use and PLC logic.

4

Record rack slot, RJ-45 network, both serial ports and cable assignments.

5

Use ESD controls and isolate rack power before module handling.

6

Restore the exact network parameters, PLC memory mapping and serial assignments.

7

Review module, controller and network diagnostics after energization.

8

Verify TCP/UDP sessions, peer data and serial access before release.

ENGINEER FAQ

Q1 How is the exact CTI-2572 execution identified?

Match CTI-2572 on the Control Technology Inc. module label.

Q2 What documented function does CTI-2572 perform?

It provides 10BaseT Ethernet TCP/IP communications plus two serial interfaces.

Q3 Which installed system must be matched before fitting CTI-2572?

Match the CTI 2500 or compatible Siemens/TI 505 rack, PLC program and network.

Q4 Which interfaces must be recorded for CTI-2572?

Record the slot, RJ-45 cable, both serial ports, IP address, subnet and router.

Q5 What handling controls apply to CTI-2572?

Back up configuration and isolate rack power before ESD-controlled handling.

Q6 What must be restored after installing CTI-2572?

Restore network addressing, TCP/UDP services, PLC mapping and serial assignments.

Q7 What evidence confirms CTI-2572 is ready for service?

Retain link, diagnostics, TCP/UDP session, peer-data and serial-access test results.

Q8 Which manufacturer record supports the CTI-2572 page?

Control Technology Inc.'s 2572 product bulletin and FAQ provide the exact module and configuration guidance.

RELATED APTER POWER PAGES

1 ABB zint-592-3aua0000103603

2 ABB zcu-14-3axd50000182992-768573

3 ABB zcu-14-3axd50000005164

4 ABB xvc772a102-3bhe032285r0102

5 ABB nbra-657c-c2-a059006410

6 Schneider Electric bmxddi3202k-469854

7 Bently Nevada 10026-02-12-05-02

8 Bently Nevada 10030-05-30-05-02

9 ABB 3bhb003041r0101

SOURCE 2572 Ethernet TCP/IP Adapter Product Bulletin and FAQ | Control Technology Inc. 2500 Classic documentation

+86 180 3023 5313 | sales13@apterpower.com | www.apterpower.com