

CTI-2572

2572 Ethernet TCP/IP Adapter

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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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	CTI-2572
Manufacturer	CTI-Control Technology Inc
System family	CTI 2500 Classic / Siemens TI 505
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

- 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.

MATCHED HARDWARE

- CTI-2572 with complete nameplate identity
- Matched host, rack or transducer system
- Recorded cable, terminal and connector schedule
- Approved grounding, shielding and configuration record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	CTI-2572 recorded
Physical interface	Probe, cable and sensor matched
Functional proof	Static gap and dynamic response

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED 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
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 Bently Nevada 10030-05-30-05-02

2 ABB 3bhb003041r0101

3 ABB zint-592-3aua0000103603

4 ABB zcu-14-3axd50000182992-768573

5 ABB zcu-14-3axd50000005164

6 ABB xvc772a102-3bhe032285r0102

7 ABB nbra-657c-c2-a059006410

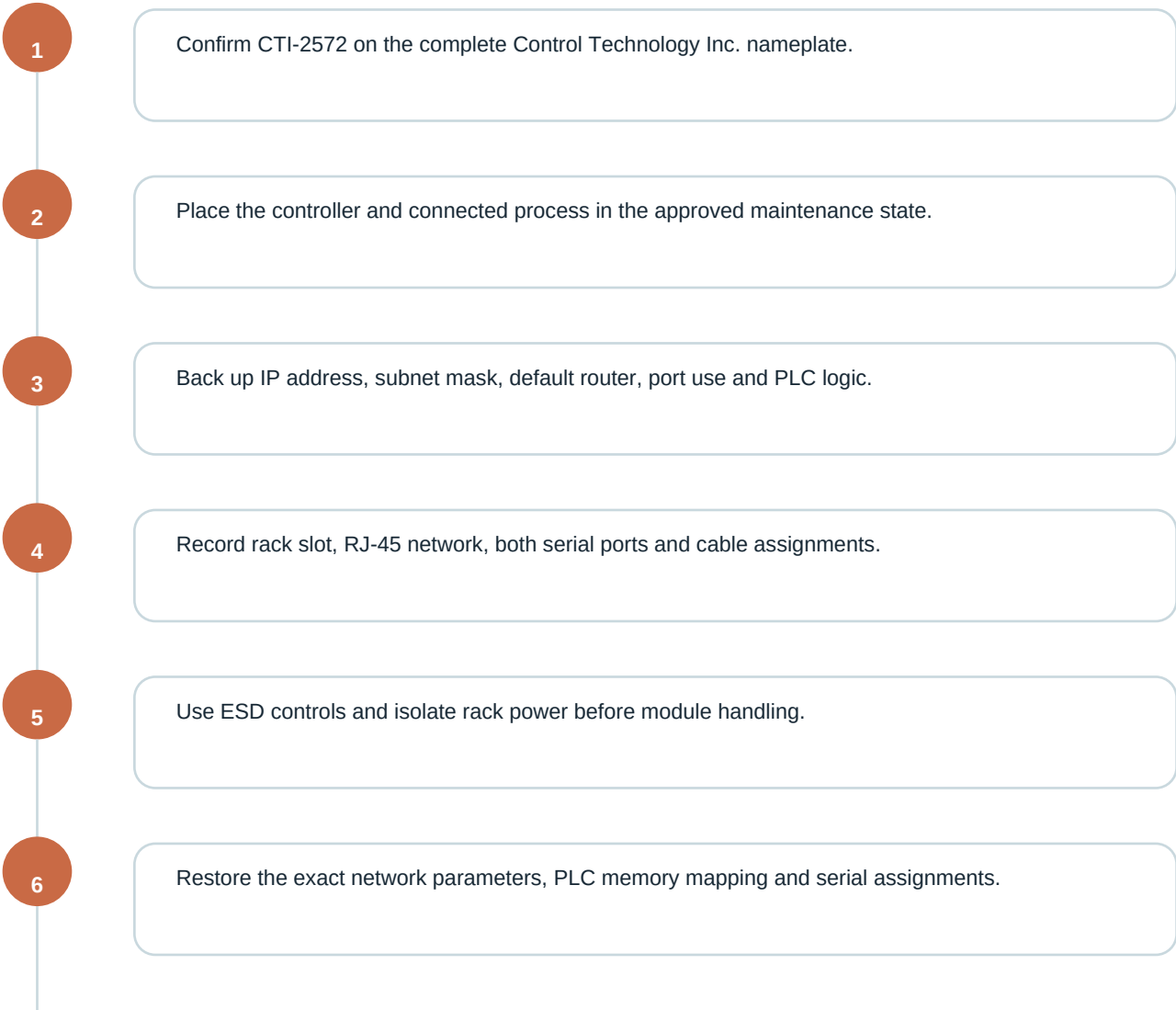
8 Schneider Electric bmxddi3202k-469854

9 Bently Nevada 10026-02-12-05-02

FIELD 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.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	CTI-2572
Physical interface	Exact identity, installed position and every connected interface matched
Configuration	Recorded hardware and software configuration restored
Functional proof	Diagnostics and controlled functional response recorded

04 RETURN-TO-SERVICE RECORD

- ☐ Use ESD controls and isolate rack power before module handling.
- ☐ Restore the exact network parameters, PLC memory mapping and serial assignments.
- ☐ Review module, controller and network diagnostics after energization.
- ☐ Verify TCP/UDP sessions, peer data and serial access before release.

VERIFICATION RECORD

PRODUCT IDENTITY	CTI-2572
INSTALLED POSITION	Documented installed system position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Confirm the exact model remains assigned to the documented host position.
- ☐ Verify every mating interface and field connection against the as-found record.
- ☐ Exercise the intended product function under controlled conditions.
- ☐ Retain the diagnostic and functional-test result before release.

SOURCE IDENTIFIERS

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