

51305072-700

EC-Compatible CLCN-A/B LCN I/O Board

CONTROLLED ENGINEERING COPY

Keep LCN A and B connectors identified and separate, confirm EC grounding, and check node visibility on both network paths after service.



APTER POWER SALES TEAM

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com



51305072-700

01 PRE-INSTALLATION PLAN

1

Verify the complete 51305072-700 marking and the assigned TDC 3000 Local Control Network position before field work.

2

Isolate the applicable power, network and field energy before disconnecting 51305072-700.

3

Use ESD controls and protect the keyed connectors of 51305072-700 during handling.

4

Record the installed wiring, jumpers, node or channel assignment before replacement.

5

Confirm LCN A coax and LCN B coax against the approved system configuration.

MATCHED HARDWARE

- LCN A coax
- LCN B coax
- Node cardfile
- EC shield bonding

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Board type	CLCN-A/B
Network function	LCN I/O
EC compatibility	Yes

APTER POWER

FIELD NOTE

Keep LCN A and B connectors identified and separate, confirm EC grounding, and check node visibility on both network paths after service.

03 COMMISSIONING WORKFLOW

1

Confirm 51305072-700 and part number 51305072-700 against the installed record.

2

Verify the physical connection to LCN A coax.

3

Apply the documented technical values for board type.

4

Exercise the function: interfaces both lcn cable paths.

5

Run a controlled test for dual-path lcn node connection.

6

Record the final state, diagnostics and operator acceptance before release.

04 RETURN-TO-SERVICE RECORD

- ☐
- Restore 51305072-700 under controlled conditions and review the product-specific diagnostics.
- ☐
- Complete a functional test for dual-path lcn node connection before production release.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN	
DATE	
CABINET / POSITION	
FINAL DIAGNOSTIC STATE	

SOURCE IDENTIFIERS

Honeywell Five/Ten-Slot Module Service

Table 2-5

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