

APTER POWER

COMPLETE PRODUCT INFORMATION

51305072-600

CLCN-B LCN I/O Board

Honeywell 51305072-600 is a CLCN-B Local Control Network I/O board. It provides the B-side coax interface and replaces the earlier KLCN-CB board in the documented node arrangement.

PRODUCT SNAPSHOT

BRAND

Honeywell

FAMILY

TDC 3000 Local Control Network

PART

51305072-600

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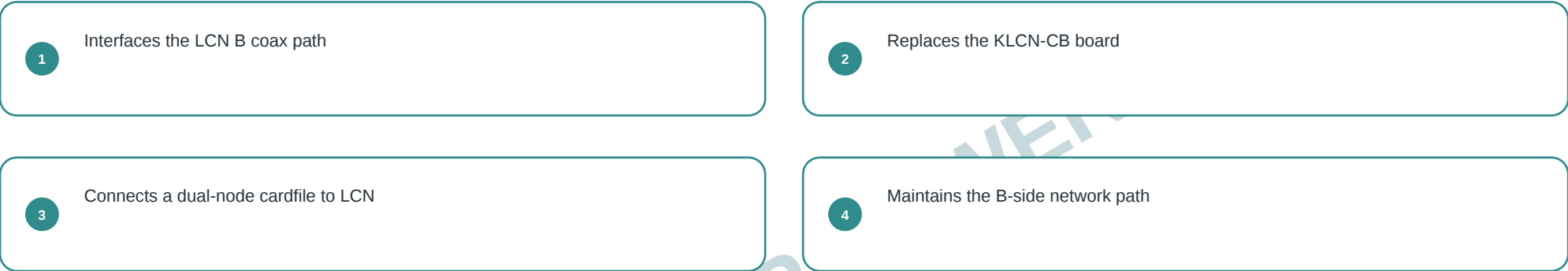
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51305072-600

PRODUCT OVERVIEW

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SYSTEM COMPONENTS



TECHNICAL DATA

PARAMETER	VALUE
Board type	CLCN-B
Network path	LCN B

PARAMETER	VALUE
Replacement function	KLCN-CB

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TECHNICAL NOTE

Do not interchange A and B coax connections; verify the companion A-side interface and test the B path independently before redundant operation.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

LCN B-path restoration

Interfaces the LCN B coax path

KLCN-CB replacement

Replaces the KLCN-CB board

Dual-node network maintenance

Connects a dual-node cardfile to LCN

Coax fault isolation

Maintains the B-side network path

PRODUCT PRECAUTIONS

- 1 Verify the complete 51305072-600 marking and the assigned TDC 3000 Local Control Network position before field work.
- 2 Isolate the applicable power, network and field energy before disconnecting 51305072-600.
- 3 Use ESD controls and protect the keyed connectors of 51305072-600 during handling.
- 4 Record the installed wiring, jumpers, node or channel assignment before replacement.
- 5 Confirm LCN B coax cable and Dual-node cardfile against the approved system configuration.
- 6 Restore 51305072-600 under controlled conditions and review the product-specific diagnostics.
- 7 Complete a functional test for lcn b-path restoration before production release.

ENGINEER FAQ

Q1 Which LCN B coax cable identity must be verified before fitting the 51305072-600 CLCN-B LCN I/O Board?

Match the complete 51305072-600 marking, assigned TDC 3000 Local Control Network position and installed LCN B coax cable before work.

Q2 How should Dual-node cardfile be isolated before disconnecting the 51305072-600 CLCN-B LCN I/O Board?

Place the affected process in its approved maintenance state, isolate applicable energy and prove Dual-node cardfile safe before disconnection.

Q3 What as-found wiring record is required for the 51305072-600 CLCN-B LCN I/O Board in LCN B-path restoration?

Record terminal identity, polarity, shields, jumpers, cable tags and the as-found diagnostic state for 51305072-600.

Q4 Which TDC 3000 Local Control Network configuration must be checked when commissioning the 51305072-600 CLCN-B LCN I/O Board?

Verify the assigned channel, slot, node or interface and compare it with the approved TDC 3000 Local Control Network configuration before enabling 51305072-600.

Q5 How can the 51305072-600 CLCN-B LCN I/O Board be function-tested for KLCN-CB replacement without disturbing the process?

Use a controlled stimulus or limited command, observe the expected system indication and confirm the intended response while normal interlocks remain effective.

Q6 Which diagnostics should be reviewed if the 51305072-600 CLCN-B LCN I/O Board stops performing its assigned system function?

Check seating, the matched LCN B coax cable, the condition of Dual-node cardfile and the model-specific diagnostics before replacing more hardware.

Q7 Can the 51305072-600 CLCN-B LCN I/O Board used for Dual-node network maintenance be transferred to another TDC 3000 Local Control Network position without engineering review?

No. Confirm the hardware execution, connector scheme and approved TDC 3000 Local Control Network configuration before transferring 51305072-600 to a different duty.

Q8 What evidence should be retained after the 51305072-600 CLCN-B LCN I/O Board returns to Coax fault isolation service?

Retain the physical identification, as-left wiring or configuration, final diagnostics and controlled functional-test result for 51305072-600.

SOURCE Honeywell Five/Ten-Slot Module Service | Table 2-5

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