

INDUSTRIAL AUTOMATION PRODUCT

51305072-700

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

Honeywell 51305072-700 is an EC-compatible CLCN-A/B Local Control Network I/O board. It connects a TDC 3000 node to both engineered LCN coax paths.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	TDC 3000 Local Control Network
Part number	51305072-700
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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



51305072-700

2

Technical Specifications

Technical values below are limited to the named Honeywell product record.

PARAMETER	TECHNICAL VALUE
Board type	CLCN-A/B
Network function	LCN I/O
EC compatibility	Yes

APTER POWER

3

System Role and Architecture

Honeywell 51305072-700 is an EC-compatible CLCN-A/B Local Control Network I/O board. It connects a TDC 3000 node to both engineered LCN coax paths.

FUNCTION 1

Interfaces both LCN cable paths

FUNCTION 2

Supports EC-compatible network grounding

FUNCTION 3

Connects a node to the Local Control Network

FUNCTION 4

Provides A/B coax I/O handling

Matched system components

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

APTER POWER

4

Applications and Engineering Context

Dual-path LCN node connection

Interfaces both LCN cable paths

Coax network restoration

Supports EC-compatible network grounding

LCN fault isolation

Connects a node to the Local Control Network

Node-interface replacement

Provides A/B coax I/O handling

TECHNICAL NOTE

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

APTER

5

Engineering Precautions

- 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.
- 6
- Restore 51305072-700 under controlled conditions and review the product-specific diagnostics.
- 7
- Complete a functional test for dual-path lcn node connection before production release.

MANUFACTURER SOURCE RECORD

Honeywell Five/Ten-Slot Module Service

Table 2-5

APTER POWER SALES TEAM

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



51305072-700