

INDUSTRIAL AUTOMATION PRODUCT

51304540-200

EC-Compatible LCNE2 LCN Extender Board

Honeywell 51304540-200 is an EC-compatible LCNE2 Local Control Network extender board. It provides the node-side interface for an engineered LCN extension.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	TDC 3000 Local Control Network
Part number	51304540-200
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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



51304540-200

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Board type	LCNE2
Function	LCN extender
EC compatibility	Yes

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System Role and Architecture

Honeywell 51304540-200 is an EC-compatible LCNE2 Local Control Network extender board. It provides the node-side interface for an engineered LCN extension.

FUNCTION 1

Extends Local Control Network cabling

FUNCTION 2

Provides the EC-compatible LCNE2 interface

FUNCTION 3

Links an LCN extension path

FUNCTION 4

Supports legacy coax-network service

Matched system components

- LCNE2 card position
- LCN A/B coax paths
- Extender cabling
- EC grounding arrangement

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Applications and Engineering Context

LCN cabinet extension

Extends Local Control Network cabling

Remote TDC 3000 node links

Provides the EC-compatible LCNE2 interface

Legacy coax path repair

Links an LCN extension path

LCNE2 board replacement

Supports legacy coax-network service

TECHNICAL NOTE

Preserve A/B network identity and EC grounding, then verify both LCN paths and node communication before returning the extension to service.

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Engineering Precautions

- 1
- Verify the complete 51304540-200 marking and the assigned TDC 3000 Local Control Network position before field work.
- 2
- Isolate the applicable power, network and field energy before disconnecting 51304540-200.
- 3
- Use ESD controls and protect the keyed connectors of 51304540-200 during handling.
- 4
- Record the installed wiring, jumpers, node or channel assignment before replacement.
- 5
- Confirm LCNE2 card position and LCN A/B coax paths against the approved system configuration.
- 6
- Restore 51304540-200 under controlled conditions and review the product-specific diagnostics.
- 7
- Complete a functional test for lcn cabinet extension before production release.

MANUFACTURER SOURCE RECORD

Honeywell Five/Ten-Slot Module Service

Table 2-5

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