

INDUSTRIAL AUTOMATION PRODUCT

51402615-400

K2LCN-4 LCN Interface Board

Honeywell 51402615-400 is the K2LCN-4 Local Control Network interface board. It connects an approved PC node to the TDC 3000 LCN communication paths.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	TDC 3000 PC node
Part number	51402615-400
Country	USA
HS code	8537101190

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51402615-400

2

Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Model alias	K2LCN-4
Board function	LCN interface
Assembly type	PC board

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3

System Role and Architecture

Honeywell 51402615-400 is the K2LCN-4 Local Control Network interface board. It connects an approved PC node to the TDC 3000 LCN communication paths.

FUNCTION 1

Connects a PC node to the Local Control Network

FUNCTION 2

Provides the K2LCN interface path

FUNCTION 3

Carries LCN A/B communication

FUNCTION 4

Supports the installed PC-node driver

Matched system components

- Approved PC node
- LCN A/B cabling
- K2LCN driver
- Node grounding arrangement

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4

Applications and Engineering Context

GUS PC-node communication

Connects a PC node to the Local Control Network

LCN workstation restoration

Provides the K2LCN interface path

K2LCN board replacement

Carries LCN A/B communication

Legacy operator-node maintenance

Supports the installed PC-node driver

TECHNICAL NOTE

Preserve LCN A/B cable identity and PC driver settings, then verify node address, network visibility and operator data exchange.

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5

Engineering Precautions

1

Verify the complete 51402615-400 marking and the assigned TDC 3000 PC node position before field work.

2

Isolate the applicable power, network and field energy before disconnecting 51402615-400.

3

Use ESD controls and protect the keyed connectors of 51402615-400 during handling.

4

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

5

Confirm Approved PC node and LCN A/B cabling against the approved system configuration.

6

Restore 51402615-400 under controlled conditions and review the product-specific diagnostics.

7

Complete a functional test for gus pc-node communication before production release.

MANUFACTURER SOURCE RECORD

Honeywell PC node hardware record

K2LCN-4

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