01 / Identity and job scope

HONEYWELL

51305072-400

LCN interface board

Product role

Honeywell 51305072-400 is a CLCN A/B I/O-board offer for the network connection of a matched legacy Honeywell LCN node.

LCN network
Intended A / B paths

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CLCN A/B
Rear I/O connection

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Node processor
Matched host service

Applicability

UX13-530 identifies 51305072-400 as CLCN A/B. The described host relationships apply to the CLCN A/B architecture; no -100 certification or address-switch layout is assigned to the offered -400 board.

Hardware and configuration

The CLCN A/B I/O board provides the network connection associated with the K2LCN or K4LCN node processor. Preserve the complete 51305072-400 identity and match its rear I/O assembly to the installed host. The processor and interface board serve different functions and must be selected as a compatible node arrangement.

Planning basis

This Apter Power guide supports identification and engineering planning. Apply the complete manufacturer and machine-builder procedures for the actual installation.

02 / Configuration and interface readiness

Item	Configuration relationship
Interface family	CLCN A/B
Associated processors	K2LCN / K4LCN, matched host configuration
Network relationship	LCN node connection
Board role	Rear network I/O interface
Processor distinction	Separate from the front node processor
Address configuration	One approved selection location
Mechanical compatibility	Host and rear-card version dependent

Technical context

The host architecture separates the front processor board from the rear network-interface board. In the WDA History Module, the network path feeds the processor, while separate peripheral-controller and drive-interface hardware handles storage. This architecture describes the host relationship and does not make the CLCN board a disk controller or a general-purpose field I/O module.

Is 51305072-400 itself the node processor?

No. It is the rear network-interface board; the front processor is a separate assembly.

Is 51305072-400 a disk controller?

No. In the History Module architecture, separate peripheral-controller and drive-interface assemblies handle the disk path.

03 / Installation and connection decisions

Retain the exact suffix

Match 51305072-400; do not infer interchangeability with another CLCN suffix.

Check rear-card fit

Compare the host chassis, connector arrangement and rear-card mechanical version.

Match the processor

Confirm the installed K2LCN or K4LCN pairing and host configuration.

Record address selection

Preserve the actual jumper or switch implementation and active selection location.

Installation context

LCN node-address configuration must remain consistent across the processor and its interface. Use the approved selection location and neutralize the unused location according to the actual jumper or switch implementation. Rear-card mechanical versions are not automatically interchangeable; retain connector arrangement, revision and chassis fit, then verify both intended LCN paths after controlled maintenance.

What address-selection rule matters when replacing 51305072-400?

Retain one approved address-selection location and neutralize the unused location according to the actual board implementation.

Are all rear I/O versions interchangeable with 51305072-400?

No. Rear-card mechanical and compliance versions can differ physically. Match the installed host, connector arrangement and complete assembly marking.

04 / Functional acceptance planning

Application	Controlled review
LCN node connection	Maintain the network-interface relationship between the rear I/O assembly and the matched node processor.
Host maintenance	Preserve the rear-card and front-processor pairing when restoring the host node.
Address coordination	Keep the selected address location and unused-board neutralization consistent.
Communication recovery	Verify the configured node and intended network paths after controlled replacement.

Does 51305072-400 imply the certification of a different CLCN suffix?

No. A certification or mechanical designation for another suffix must not be transferred to 51305072-400.

What network checks follow replacement of 51305072-400?

Verify the intended LCN paths, configured node identity and host communication before returning the node to normal service.

Release boundary

Confirm the intended LCN communication paths and node identity before release.

Record
Keep the original configuration

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Test
Observe controlled response

>

Release
Authorize normal operation

05 / Technical handover and support

Retained information

Keep the complete 51305072-400 marking, host identity, connection photographs, configuration backup and controlled-test results in the service record.

Support planning

Confirm current support and replacement guidance with Honeywell for the installed identity and configuration. Apter Power availability and dispatch are separate quotation matters.

Reference basis

Honeywell Universal StationX (Ergonomic) Service, UX13-530, Release 521 Revision 05; History Module Service, HM13-501, December 2002.

Apter Power technical summary. Apply the original instructions for the actual installation.

Related industrial automation products

Navigation only; no substitution or compatibility claim.

Honeywell K2LCN-4 51402615-400

Honeywell K2LCN-8 51401551-801

Honeywell 51401946-100

Discuss your installed configuration

Send the full unit marking and connection details.

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