PRODUCT INFORMATION DASHBOARD

Honeywell 51402797-200 51305319-100

LCNP Board Assembly

Honeywell 51402797-200 51305319-100 identifies an LCNP/GUS board assembly used to connect a GUS workstation with the Local Control Network in TDC 3000 and TPS environments.

PRODUCT ROLE

LCNP/GUS interface role

SYSTEM

U

INTERFACE

Paired part-number identity

SERVICE FOCUS

Workstation-to-LCN connection

Exact-model highlights

- LCNP/GUS interface role
- Paired part-number identity
- TDC 3000/TPS context
- Workstation-to-LCN connection

Release questions

IDENTITY

Is the complete 51402797-200 51305319-100 code confirmed?

INTERFACE

Do field signals and companion equipment match?

SETTINGS

Are installed parameters and mappings preserved?

ACCEPTANCE

Have normal, fault and recovery states been tested?

Technical data

Complete identity	51402797-200 51305319-100
Primary assembly	51402797-200 LCNP board with guide
Associated board	51305319-100 LCNP/GUS board
Product class	Local Control Network processor board assembly
System family	TDC 3000 / TPS
Interface role	GUS workstation to LCN

Application safeguards

SAFEGUARD 1

Match both 51402797-200 and 51305319-100 before removing the installed assembly.

SAFEGUARD 2

Record the GUS workstation, slot, guide and connected LCN hardware before isolation.

SAFEGUARD 3

Back up site-controlled node and workstation configuration before service.

SAFEGUARD 4

Use grounded ESD controls when handling either LCNP board identity.

Common applications

GUS workstation networking

Provides the processor-board interface between a workstation and the LCN.

Legacy node repair

Supports exact board-and-guide replacement in installed TDC 3000/TPS stations.

LCNP spare staging

Keeps both catalog identities together for maintenance planning.

Operator-station restoration

Returns the documented Local Control Network interface position to service.

Interface checklist

- Host side: GUS workstation hardware
- Network side: Local Control Network
- Mechanical side: Board guide or bracket assembly
- Identity control: Both part numbers retained as one published model string

Installation snapshot

STEP 1

Match the replacement label to Honeywell 51402797-200 51305319-100 and the approved site bill of material.

STEP 2

Review the recorded wiring, channel map and connector orientation before disturbing conductors.

STEP 3

Isolate hazardous energy and prove the required electrical condition at the work point.

STEP 4

Apply grounded ESD controls while handling the electronic assembly.

Model-specific FAQ

Q1 What is Honeywell 51402797-200 51305319-100?

It is an LCNP/GUS board assembly identity for the workstation-to-Local-Control-Network interface.

Q2 Which systems use Honeywell 51402797-200 51305319-100?

The paired hardware is associated with TDC 3000 and TPS operator-station environments.

Q3 What does 51402797-200 identify in Honeywell 51402797-200 51305319-100?

It identifies the LCNP board-with-guide assembly.

Q4 What does 51305319-100 identify in Honeywell 51402797-200 51305319-100?

It identifies the associated LCNP/GUS board position.

Q5 Which network is served by Honeywell 51402797-200 51305319-100?

The assembly connects the GUS workstation layer with the Local Control Network.

Q6 Why must both numbers be preserved for Honeywell 51402797-200 51305319-100?

The paired string distinguishes the requested board and guide identity from a single bare LCNP part.

Q7 What should be checked after installing Honeywell 51402797-200 51305319-100?

Verify connector seating, LCN node status, workstation communication and expected operator data exchange.

Product precautions

1. Match both 51402797-200 and 51305319-100 before removing the installed assembly.
2. Record the GUS workstation, slot, guide and connected LCN hardware before isolation.
3. Back up site-controlled node and workstation configuration before service.
4. Use grounded ESD controls when handling either LCNP board identity.
5. Do not treat one part number as a substitute for the complete paired publication identity.
6. Inspect the guide, bracket and mating connectors before inserting the replacement.
7. Restore the board only to the documented workstation position and cable path.
8. Verify LCN communication, node status and operator-station data exchange before handover.

Related products

Verified related products on ApterPower

Honeywell CC-TAIN01 51306513-175
Series C input termination reference
View Honeywell CC-TAIN01 51306513-175

Honeywell CC-PAIH02 51405038-375
Series C HART input reference
View Honeywell CC-PAIH02 51405038-375

Honeywell 8C-PAOHA1 51454469-275
Series 8 output reference
View Honeywell 8C-PAOHA1 51454469-275

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Share the exact 51402797-200 51305319-100 nameplate, application and required quantity for a model-specific quotation.