EXACT-MODEL ENGINEERING SUMMARY

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.

SYSTEM CONTEXT U

Verified highlights

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

Functional signal path

FIELD / SYSTEM INPUT

Host side: GUS workstation hardware

EXACT-MODEL INTERFACE

Network side: Local Control Network

INTERNAL PROCESSING

Mechanical side: Board guide or bracket assembly

CONTROL-SYSTEM RESULT

Identity control: Both part numbers retained as one published model string

Verified technical matrix

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

Engineering boundary

Only the values shown in the exact-model source set are stated. Final settings, wiring, firmware, companion devices and safety functions must be matched to the installed system before energization.

Interfaces and system relationships

INTERFACE 1

Host side: GUS workstation hardware

INTERFACE 2

Network side: Local Control Network

INTERFACE 3

Mechanical side: Board guide or bracket assembly

INTERFACE 4

Identity control: Both part numbers retained as one published model string

Where the module is used

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.

Engineering checks and diagnostic decisions

1. A recognition or communication fault requires checks of seating, connector condition, address or switch settings and dependent cabling.
2. Intermittent behavior: inspect terminal torque, connector seating, shielding and vibration exposure.
3. Wrong point response: reconcile the physical terminal, channel map and controller database.
4. Persistent diagnostic: compare the as-left condition with the captured pre-maintenance baseline.
5. Neighboring faults: inspect shared power, common connectors and card-file or backplane interfaces.
6. Repeat failure: stop substitution and escalate the exact identity, evidence and test record for engineering review.

Evidence ledger

SOURCE 1	Exact-model LCNP/GUS hardware identification records, cross-checked 2026-10-15
SOURCE 2	TDC 3000/TPS LCNP hardware requirements reference

Engineering 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.

Related products

Verified related products on ApterPower

Honeywell CC-PAOX01 51405039-275
Series C analog-output reference
View Honeywell CC-PAOX01 51405039-275

Honeywell FS-TSFIRE-1624
Safety-system termination reference
View Honeywell FS-TSFIRE-1624

Honeywell TA3840C
Honeywell control reference
View Honeywell TA3840C

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