

INDUSTRIAL AUTOMATION PRODUCT

51304511-100

NIM Modem I/O Board

Honeywell 51304511-100 is a NIM Modem I/O board for a TDC 3000 five/ten-slot node. It is installed in the PNI I/O slot to provide the node modem interface.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	TDC 3000 five/ten-slot node
Part number	51304511-100
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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51304511-100

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Board type	NIM MODEM
Installed slot	PNI I/O slot
Assembly	I/O board

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System Role and Architecture

Honeywell 51304511-100 is a NIM Modem I/O board for a TDC 3000 five/ten-slot node. It is installed in the PNI I/O slot to provide the node modem interface.

FUNCTION 1 Provides the NIM modem I/O function	FUNCTION 2 Occupies the PNI I/O slot
FUNCTION 3 Connects node modem circuitry	FUNCTION 4 Supports five/ten-slot node servicing

Matched system components

- PNI I/O slot
- Five/ten-slot cardfile
- NIM modem cabling
- Node grounding arrangement

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Applications and Engineering Context

NIM node maintenance

Provides the NIM modem I/O function

Legacy LCN node restoration

Occupies the PNI I/O slot

Five-slot module service

Connects node modem circuitry

Ten-slot cardfile repair

Supports five/ten-slot node servicing

TECHNICAL NOTE

Record the board pinning and cable positions before removal, and seat 51304511-100 only in the documented PNI I/O slot.

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Engineering Precautions

- 1
- Verify the complete 51304511-100 marking and the assigned TDC 3000 five/ten-slot node position before field work.
- 2
- Isolate the applicable power, network and field energy before disconnecting 51304511-100.
- 3
- Use ESD controls and protect the keyed connectors of 51304511-100 during handling.
- 4
- Record the installed wiring, jumpers, node or channel assignment before replacement.
- 5
- Confirm PNI I/O slot and Five/ten-slot cardfile against the approved system configuration.
- 6
- Restore 51304511-100 under controlled conditions and review the product-specific diagnostics.
- 7
- Complete a functional test for nim node maintenance before production release.

MANUFACTURER SOURCE RECORD

Honeywell Five/Ten-Slot Module Service

Table 2-5

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