

INDUSTRIAL AUTOMATION PRODUCT

51304159-100

AMR Redundant AM Interface I/O Board

Honeywell 51304159-100 is an AMR redundant Application Module interface I/O board. It carries the hardware I/O path used by a redundant AM arrangement.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	TDC 3000 Application Module
Part number	51304159-100
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Board type	AMR I/O
Function	Redundant AM interface I/O
Assembly	I/O board

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System Role and Architecture

Honeywell 51304159-100 is an AMR redundant Application Module interface I/O board. It carries the hardware I/O path used by a redundant AM arrangement.

FUNCTION 1

Provides redundant Application Module interfacing

FUNCTION 2

Carries AM redundancy I/O

FUNCTION 3

Fits the documented cardfile position

FUNCTION 4

Supports paired AM operation

Matched system components

- Application Module pair
- AM redundancy cable
- Five/ten-slot cardfile
- LCN node configuration

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Applications and Engineering Context

Redundant AM maintenance

Provides redundant Application Module interfacing

Application Module failover support

Carries AM redundancy I/O

LCN node restoration

Fits the documented cardfile position

AM interface troubleshooting

Supports paired AM operation

TECHNICAL NOTE

Capture the active/backup state and cable identity before removal, then verify redundancy status and controlled role transfer after installation.

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Engineering Precautions

- 1
- Verify the complete 51304159-100 marking and the assigned TDC 3000 Application Module position before field work.
- 2
- Isolate the applicable power, network and field energy before disconnecting 51304159-100.
- 3
- Use ESD controls and protect the keyed connectors of 51304159-100 during handling.
- 4
- Record the installed wiring, jumpers, node or channel assignment before replacement.
- 5
- Confirm Application Module pair and AM redundancy cable against the approved system configuration.
- 6
- Restore 51304159-100 under controlled conditions and review the product-specific diagnostics.
- 7
- Complete a functional test for redundant am maintenance before production release.

MANUFACTURER SOURCE RECORD

Honeywell Five/Ten-Slot Module Service

Table 2-5

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