

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

51304159-100

AMR Redundant AM Interface I/O Board

CONTROLLED ENGINEERING COPY

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



APTER POWER SALES TEAM

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51304159-100

01 PRE-INSTALLATION PLAN

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.

MATCHED HARDWARE

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

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Board type	AMR I/O
Function	Redundant AM interface I/O
Assembly	I/O board

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FIELD NOTE

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

03 COMMISSIONING WORKFLOW

1

Confirm 51304159-100 and part number 51304159-100 against the installed record.

2

Verify the physical connection to Application Module pair.

3

Apply the documented technical values for board type.

4

Exercise the function: provides redundant application module interfacing.

5

Run a controlled test for redundant am maintenance.

6

Record the final state, diagnostics and operator acceptance before release.

04 RETURN-TO-SERVICE RECORD

- ☐ Restore 51304159-100 under controlled conditions and review the product-specific diagnostics.
- ☐ Complete a functional test for redundant am maintenance before production release.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN	
DATE	
CABINET / POSITION	
FINAL DIAGNOSTIC STATE	

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SOURCE IDENTIFIERS

Honeywell Five/Ten-Slot Module Service

Table 2-5

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