

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

51303979-550

Advanced I/O Link Interface Board

CONTROLLED ENGINEERING COPY

Record both I/O link cable identities and the board position, then verify processor communication and all connected I/O groups.



APTER POWER SALES TEAM

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51303979-550

01 PRE-INSTALLATION PLAN

1

Verify the complete 51303979-550 marking and the assigned TDC 3000 Advanced Process Manager position before field work.

2

Isolate the applicable power, network and field energy before disconnecting 51303979-550.

3

Use ESD controls and protect the keyed connectors of 51303979-550 during handling.

4

Record the installed wiring, jumpers, node or channel assignment before replacement.

5

Confirm APM controller cardfile and APM I/O link cable against the approved system configuration.

MATCHED HARDWARE

- APM controller cardfile
- APM I/O link cable
- I/O processor cardfile
- Controller database assignment

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Board function	Advanced I/O link interface
Hardware revision	G

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FIELD NOTE

Record both I/O link cable identities and the board position, then verify processor communication and all connected I/O groups.

03 COMMISSIONING WORKFLOW

1

Confirm 51303979-550 and part number 51303979-550 against the installed record.

2

Verify the physical connection to APM controller cardfile.

3

Apply the documented technical values for board function.

4

Exercise the function: provides the apm i/o link interface.

5

Run a controlled test for apm i/o link maintenance.

6

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

04 RETURN-TO-SERVICE RECORD

- ☐ Restore 51303979-550 under controlled conditions and review the product-specific diagnostics.
- ☐ Complete a functional test for apm i/o link maintenance before production release.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN	
DATE	
CABINET / POSITION	
FINAL DIAGNOSTIC STATE	

SOURCE IDENTIFIERS

Honeywell APM hardware service record

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