

51304518-150

APM Advanced Controller Board

CONTROLLED ENGINEERING COPY

Back up the controller database and record the active/standby state before removal, then verify synchronization and a controlled role transfer.



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51304518-150

01 PRE-INSTALLATION PLAN

1

Verify the complete 51304518-150 marking and the assigned TDC 3000 Advanced Process Manager position before field work.

2

Isolate the applicable power, network and field energy before disconnecting 51304518-150.

3

Use ESD controls and protect the keyed connectors of 51304518-150 during handling.

4

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

5

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

MATCHED HARDWARE

- APM cardfile
- APM I/O link boards
- UCN interface hardware
- Controller database

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Controller family	APM
Board coating	Conformal
Assembly	Controller board

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FIELD NOTE

Back up the controller database and record the active/standby state before removal, then verify synchronization and a controlled role transfer.

03 COMMISSIONING WORKFLOW

1

Confirm 51304518-150 and part number 51304518-150 against the installed record.

2

Verify the physical connection to APM cardfile.

3

Apply the documented technical values for controller family.

4

Exercise the function: executes advanced process manager control functions.

5

Run a controlled test for apm controller maintenance.

6

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

04 RETURN-TO-SERVICE RECORD

- ☐
- Restore 51304518-150 under controlled conditions and review the product-specific diagnostics.
- ☐
- Complete a functional test for apm controller 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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