

51402573-250

UCN Interface Module Assembly

CONTROLLED ENGINEERING COPY

Keep UCN A and B paths identified, record the installed module position and confirm controller visibility on both network channels.



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51402573-250

01 PRE-INSTALLATION PLAN

1

Verify the complete 51402573-250 marking and the assigned TDC 3000 High-Performance Process Manager position before field work.

2

Isolate the applicable power, network and field energy before disconnecting 51402573-250.

3

Use ESD controls and protect the keyed connectors of 51402573-250 during handling.

4

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

5

Confirm HPM controller and UCN A/B cabling against the approved system configuration.

MATCHED HARDWARE

- HPM controller
- UCN A/B cabling
- HPM communication control board
- Controller cardfile

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Interface	UCN
Module function	HPM communication interface
Assembly	Module

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FIELD NOTE

Keep UCN A and B paths identified, record the installed module position and confirm controller visibility on both network channels.

03 COMMISSIONING WORKFLOW

1

Confirm 51402573-250 and part number 51402573-250 against the installed record.

2

Verify the physical connection to HPM controller.

3

Apply the documented technical values for interface.

4

Exercise the function: connects the hpm to the universal control network.

5

Run a controlled test for hpm ucn communication.

6

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

04 RETURN-TO-SERVICE RECORD

- ☐
- Restore 51402573-250 under controlled conditions and review the product-specific diagnostics.
- ☐
- Complete a functional test for hpm ucn communication before production release.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN	
DATE	
CABINET / POSITION	
FINAL DIAGNOSTIC STATE	

SOURCE IDENTIFIERS

Honeywell HPM service manual

UCNIF module assembly

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