

MC-PRHM01

Remote Hardened Multiplexer I/O Processor

CONTROLLED ENGINEERING COPY

Verify the multiplexer address, remote cable path and I/O link assignment before commissioning point data and diagnostics.



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MC-PRHM01

01 PRE-INSTALLATION PLAN

1

Verify the complete MC-PRHM01 marking and the assigned TPS Process Manager I/O position before field work.

2

Isolate the applicable power, network and field energy before disconnecting MC-PRHM01.

3

Use ESD controls and protect the keyed connectors of MC-PRHM01 during handling.

4

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

5

Confirm Remote hardened multiplexer and PM/APM/HPM/EHPM cardfile against the approved system configuration.

MATCHED HARDWARE

- Remote hardened multiplexer
- PM/APM/HPM/EHPM cardfile
- I/O link
- Remote field cable

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Processor points	32
Processor type	Remote hardened multiplexer
Board coating	Conformal

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FIELD NOTE

Verify the multiplexer address, remote cable path and I/O link assignment before commissioning point data and diagnostics.

03 COMMISSIONING WORKFLOW

1

Confirm MC-PRHM01 and part number 51404109-175 against the installed record.

2

Verify the physical connection to Remote hardened multiplexer.

3

Apply the documented technical values for processor points.

4

Exercise the function: processes remote multiplexer point data.

5

Run a controlled test for remote process measurements.

6

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

04 RETURN-TO-SERVICE RECORD

- ☐
- Restore MC-PRHM01 under controlled conditions and review the product-specific diagnostics.
- ☐
- Complete a functional test for remote process measurements 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 TPS Process Manager I/O Specification
IO03-684 Rev.2

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