

MC-PDIS12

Sequence-of-Events Digital Input Processor

CONTROLLED ENGINEERING COPY

Match the input FTA and I/O link assignment, synchronize the system time source and test channel transition order before enabling event collection.



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MC-PDIS12

01 PRE-INSTALLATION PLAN

1

Verify the complete MC-PDIS12 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-PDIS12.

3

Use ESD controls and protect the keyed connectors of MC-PDIS12 during handling.

4

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

5

Confirm Compatible digital-input FTA and PM/APM/HPM/EHPM I/O cardfile against the approved system configuration.

MATCHED HARDWARE

- Compatible digital-input FTA
- PM/APM/HPM/EHPM I/O cardfile
- I/O link
- Discrete field contacts

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Input points	32
Input function	Sequence of events
Board coating	Conformal
Processor family	PM/APM/HPM/EHPM I/O

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FIELD NOTE

Match the input FTA and I/O link assignment, synchronize the system time source and test channel transition order before enabling event collection.

03 COMMISSIONING WORKFLOW

1

Confirm MC-PDIS12 and part number 51402625-175 against the installed record.

2

Verify the physical connection to Compatible digital-input FTA.

3

Apply the documented technical values for input points.

4

Exercise the function: acquires discrete field-state transitions.

5

Run a controlled test for trip-event chronology.

6

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

04 RETURN-TO-SERVICE RECORD

- ☐
- Restore MC-PDIS12 under controlled conditions and review the product-specific diagnostics.
- ☐
- Complete a functional test for trip-event chronology before production release.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN	
DATE	
CABINET / POSITION	
FINAL DIAGNOSTIC STATE	

SOURCE IDENTIFIERS

Honeywell TPS Process Manager I/O Specification
IO03-684 Rev.2

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