

900G03-0102

Sixteen-Channel 120/240 Vac Digital Input Module

CONTROLLED ENGINEERING COPY

Verify the selected AC supply and input commons, isolate all channels before wiring, and test each field state at the controller.



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900G03-0102

01 PRE-INSTALLATION PLAN

1

Verify the complete 900G03-0102 marking and the assigned HC900 Process Controller position before field work.

2

Isolate the applicable power, network and field energy before disconnecting 900G03-0102.

3

Use ESD controls and protect the keyed connectors of 900G03-0102 during handling.

4

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

5

Confirm HC900 I/O rack and 120/240 Vac input supply against the approved system configuration.

MATCHED HARDWARE

- HC900 I/O rack
- 120/240 Vac input supply
- AC field contacts
- Controller input database

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Input channels	16
Input voltage	120/240 Vac
Signal type	AC digital input

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FIELD NOTE

Verify the selected AC supply and input commons, isolate all channels before wiring, and test each field state at the controller.

03 COMMISSIONING WORKFLOW

1

Confirm 900G03-0102 and part number 900G03-0102 against the installed record.

2

Verify the physical connection to HC900 I/O rack.

3

Apply the documented technical values for input channels.

4

Exercise the function: acquires powered ac field states.

5

Run a controlled test for breaker auxiliary contacts.

6

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

04 RETURN-TO-SERVICE RECORD

- ☐
- Restore 900G03-0102 under controlled conditions and review the product-specific diagnostics.
- ☐
- Complete a functional test for breaker auxiliary contacts before production release.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN	
DATE	
CABINET / POSITION	
FINAL DIAGNOSTIC STATE	

SOURCE IDENTIFIERS

Honeywell HC900 Process Controller Installation and User Guide
51-52-25-107 Revision 18

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