

INDUSTRIAL AUTOMATION PRODUCT

900G03-0102

Sixteen-Channel 120/240 Vac Digital Input Module

Honeywell 900G03-0102 is a 16-channel 120/240 Vac digital input module for HC900. It monitors AC-powered field contacts and presents their states to the controller.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	HC900 Process Controller
Part number	900G03-0102
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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900G03-0102

2

Technical Specifications

Technical values below are limited to the named Honeywell product record.

PARAMETER	TECHNICAL VALUE
Input channels	16
Input voltage	120/240 Vac
Signal type	AC digital input

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3

System Role and Architecture

Honeywell 900G03-0102 is a 16-channel 120/240 Vac digital input module for HC900. It monitors AC-powered field contacts and presents their states to the controller.

FUNCTION 1
Acquires powered AC field states

FUNCTION 2
Interfaces configured AC input circuits

FUNCTION 3
Transfers discrete status to the HC900 controller

FUNCTION 4
Fits an HC900 I/O rack slot

Matched system components

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

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4

Applications and Engineering Context

Breaker auxiliary contacts

Acquires powered AC field states

AC motor-starter feedback

Interfaces configured AC input circuits

Heater status monitoring

Transfers discrete status to the HC900 controller

Package-unit alarm inputs

Fits an HC900 I/O rack slot

TECHNICAL NOTE

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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5

Engineering Precautions

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.

6

Restore 900G03-0102 under controlled conditions and review the product-specific diagnostics.

7

Complete a functional test for breaker auxiliary contacts before production release.

MANUFACTURER SOURCE RECORD

Honeywell HC900 Process Controller Installation and User Guide

51-52-25-107 Revision 18

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