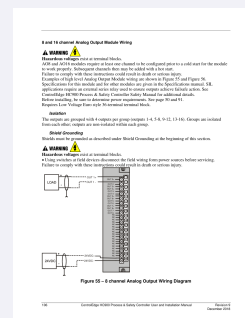


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

900B16-0202

16-channel analog output module



PRODUCT	900B16-0202
FAMILY	ControlEdge HC900 I/O modules
FUNCTION	16-channel analog output module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Honeywell documentation. This guide supplements the complete manufacturer manual and site procedure.

01

CONFIRM THE ORDERED CONFIGURATION

Output Channels	16
Output Range	0 to 21 mA
Isolation Groups	4 groups of 4
External Supply	18 to 36 V DC
Supply Current	700 mA
Maximum Load	750 ohm

02

PREPARATION AND CONNECTION

- Confirm the complete 900B16-0202 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

8 and 16 channel Analog Output Module Wiring



Hazardous voltages exist at terminal blocks.

A08 and A016 modules require at least one channel to be configured prior to a cold start for the module to work properly. Subsequent channels then may be added with a hot start.

Failure to comply with these instructions could result in death or serious injury.

Examples of high level Analog Output Module wiring are shown in Figure 55 and Figure 56.

Specifications for this module and for other modules are given in the Specifications manual. SIL

ControlEdge HC900 Process & Safety Controller Safety Manual for additional details.

Before installing, be sure to determine power requirements. See page 50 and 91.

Requires Low Voltage Euro style 36-terminal terminal block.

Isolation

The outputs are grouped with 4 outputs per group (outputs 1-4, 5-8, 9-12, 13-16). Groups are isolated from each other; outputs are non-isolated within each group.

Shield Grounding

Shields must be grounded as described under Shield Grounding at the beginning of this section.



Hazardous voltages exist at terminal blocks.

- Using switches at field devices disconnect the field wiring form power sources before servicing.

Failure to comply with these instructions could result in death or serious injury.

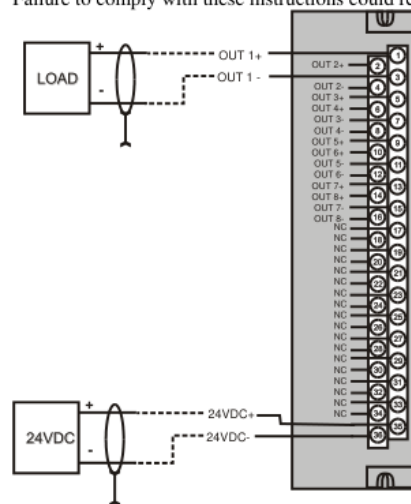


Figure 55 – 8 channel Analog Output Wiring Diagram

04

COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05

CONTROLLED DOCUMENT

Official source	Honeywell ControlEdge HC900 User and Installation Manual
Product record	900B16-0202
Manufacturer	Honeywell
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM