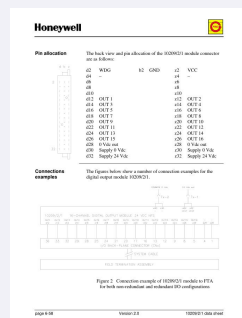


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

10209/2/1

16-Channel Digital Output Module



PRODUCT	10209/2/1
DOCUMENT TYPE	Installation Instructions
PRODUCT FUNCTION	16-Channel Digital Output Module
OFFICIAL SOURCE	Honeywell FSC 10209/2/1 data sheet

Use this guide with the complete manufacturer documentation and the controlled site procedure. Isolate all energy sources, preserve the exact model identity and verify every connection before energising.

01 PRE-INSTALLATION VERIFICATION

- Confirm the complete 10209/2/1 identification and the documented 16-channel digital output module configuration.
- Record the installed position, connector orientation, cable routing, grounding and adjacent equipment before removal.
- Isolate electrical, pneumatic and stored energy sources using the approved site procedure.
- Use the official drawing and terminal information shown on the following page; do not infer connections from appearance.
- Inspect the replacement unit, mating hardware and environmental conditions before installation.

PIN ALLOCATION AND I/O CONNECTION DRAWINGS

Official manufacturer installation material reproduced from Honeywell FSC 10209/2/1 data sheet. The drawings retain their original aspect ratio and technical meaning.

Honeywell



Pin allocation

The back view and pin allocation of the 10209/2/1 module connector are as follows:

42	WDG	b2	GND	z2	VCC
44	-			z4	-
46	-			z6	-
48	-			z8	-
410	-			z10	-
412	OUT 1			z12	OUT 2
414	OUT 3			z14	OUT 4
416	OUT 5			z16	OUT 6
418	OUT 7			z18	OUT 8
420	OUT 9			z20	OUT 10
422	OUT 11			z22	OUT 12
424	OUT 13			z24	OUT 14
426	OUT 15			z26	OUT 16
428	0 Vdc out			z28	0 Vdc out
430	Supply 0 Vdc			z30	Supply 0 Vdc
432	Supply 24 Vdc			z32	Supply 24 Vdc

Connections examples

The figures below show a number of connection examples for the digital output module 10209/2/1.

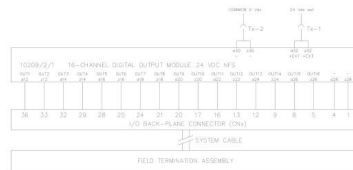


Figure 2 Connection example of 10209/2/1 module to FTA for both non-redundant and redundant I/O configurations

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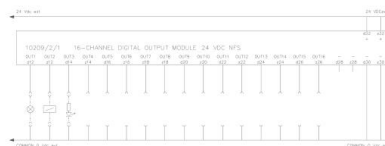


Figure 3 I/O connection example for 10209/2/1 module for non-redundant I/O configurations

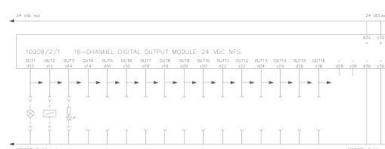


Figure 4 I/O connection example for 10209/2/1 module for redundant I/O configurations

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03

INSTALLATION AND CONNECTION CHECKS

- Install the unit only in the documented mounting position with the specified companion hardware.
- Match every keyed connector, terminal, conductor, shield and protective-earth point to the official drawing.
- Maintain the documented separation, bend radius, torque, cooling clearance and environmental limits that apply to the product.
- Before energising, perform continuity, polarity, insulation and mechanical-retention checks appropriate to the circuit.
- Do not bypass interlocks, diagnostics, protective devices or approved safety functions during commissioning.

04

INITIAL COMMISSIONING CHECKS

- Restore power or process connections in the approved sequence and observe startup diagnostics.
- Verify communications, channel status, sensor response, drive state or controller operation as applicable.
- Test the affected function at a safe operating point and confirm alarms, trips and feedback paths.
- Record the exact model, configuration, test results and final drawing references in the maintenance record.

05

CONTROLLED DOCUMENTS

Official source	Honeywell FSC 10209/2/1 data sheet
Product record	10209/2/1
Document	Amikon Installation Instructions
Support	INFO@AMIKON.CN