F3322

16-Channel Digital Output Module

CONTROLLED ENGINEERING COPY

HIMA F3322 is a 16-channel digital output module for HIMA H41q/H51q. It provides delivery of sixteen documented 24 VDC digital output channels in the documented installed system.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	F3322
Manufacturer	HIMA
System family	HIMA H41q/H51q
Record scope	Installation, application and verification

1 PLAN — 2 ISOLATE — 3 CONNECT — 4 CONFIGURE — 5 TEST

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01 PRE-INSTALLATION PLAN

1. Confirm the complete HIMA F3322 marking and the controlled cabinet record.
2. Place the controller and affected safety or control function in the approved maintenance state.
3. Isolate every connected energy source and prove the affected circuits safe.
4. Record the installed position, terminals, cables, contacts, indicators and configuration.
5. Verify every exact electrical or lifecycle value in the cited manufacturer evidence.

MATCHED HARDWARE

- HIMA F3322 with complete exact identity
- Matched HIMA H41q/H51q host
- Documented wiring and protective interfaces
- Approved diagnostics and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	F3322 recorded
Physical interface	Installed terminals and circuits matched to the as-found record
Configuration	Approved rack and engineering arrangement restored
Functional proof	Controlled test confirms delivery of sixteen documented 24 VDC digital output channels

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Exact model	F3322
Product type	Digital output module
Output channels	16
Output voltage	24 VDC
Output current	Up to 0.5 A per documented channel
System family	H41q/H51q
Protective separation	ProtecS stated in the approval schedule
Replacement control	Preserve load groups and sixteen-output map

RELATED PRODUCT PAGES

1. HIMA HIMAX-X-DI3201
2. HIMA HIMAX-X-AI3201
3. HIMA F60MI2401
4. HIMA F60CPU03
5. HIMA F60-AO-8-01
6. HIMA F3-DIO-16-801
7. HIMA HIMATRIX-F35-011
8. HIMA HIMATRIX-F3-DIO-16-8-01

FIELD NOTE

Confirm HIMA F3322, its exact host, installed position, connected circuits, protective measures, lifecycle status, diagnostics and recorded acceptance result before release.

03 COMMISSIONING WORKFLOW

1. Confirm the complete HIMA F3322 marking and the controlled cabinet record.
2. Place the controller and affected safety or control function in the approved maintenance state.
3. Isolate every connected energy source and prove the affected circuits safe.
4. Record the installed position, terminals, cables, contacts, indicators and configuration.
5. Verify every exact electrical or lifecycle value in the cited manufacturer evidence.
6. Restore protective earth, wiring, mechanical retention and the approved system arrangement.

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	F3322
Physical interface	Installed terminals and circuits matched to the as-found record
Configuration	Approved rack and engineering arrangement restored
Functional proof	Controlled test confirms delivery of sixteen documented 24 VDC digital output channels

04 RETURN-TO-SERVICE RECORD

- [ ] Verify every exact electrical or lifecycle value in the cited manufacturer evidence.
- [ ] Restore protective earth, wiring, mechanical retention and the approved system arrangement.
- [ ] Energize under control and review rack, module, channel and process diagnostics.
- [ ] Complete a controlled functional test of delivery of sixteen documented 24 VDC digital output channels before release.

VERIFICATION RECORD

PRODUCT IDENTITY	F3322
INSTALLED POSITION	Documented HIMA H41q/H51q position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- [ ] Verify every exact electrical or lifecycle value in the cited manufacturer evidence.
- [ ] Restore protective earth, wiring, mechanical retention and the approved system arrangement.
- [ ] Energize under control and review rack, module, channel and process diagnostics.
- [ ] Complete a controlled functional test of delivery of sixteen documented 24 VDC digital output channels before release.

SOURCE IDENTIFIERS

HIMA H41q/H51q approval and technical overview | HIMA manufacturer evidence