APTER POWER

INDUSTRIAL AUTOMATION PRODUCT

F3322

16-Channel Digital Output Module

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.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	HIMA
System family	HIMA H41q/H51q
Part number	F3322
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Match HIMA F3322 to the complete nameplate and controlled cabinet record. Preserve all as-found wiring, rack position and connected circuits; after replacement, verify diagnostics and delivery of sixteen documented 24 VDC digital output channels under controlled conditions.

System Role and Architecture

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.

FUNCTION 1
Exact HIMA F3322 identity

FUNCTION 2
HIMA H41q/H51q

FUNCTION 3
16

FUNCTION 4
Controlled replacement and acceptance

RELATED APTER POWER PAGES

1. HIMA F3237
2. HIMA K1409
3. HIMA F3422
4. HIMA F60CPU01-771193
5. HIMA HIMAX-X-CPU01
6. HIMA HIMAX-X-COM01
7. HIMA HIMAX-X-AO1601
8. HIMA HIMAX-X-BLK03

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	HIMA H41q/H51q
02	Matched HIMA H41q/H51q host
03	Documented wiring, power and protective interfaces
04	Approved cabinet drawing and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	HIMA H41q/H51q
Interface role	delivery of sixteen documented 24 VDC digital output channels
Field / power context	documented HIMA H41q/H51q installation
Commissioning evidence	Identity, wiring, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE
Exact model	F3322
Product type	Digital output module
Output channels	16
Output voltage	24 VDC

PARAMETER	VALUE
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 F3237
2. HIMA K1409
3. HIMA F3422
4. HIMA F60CPU01-771193
5. HIMA HIMAX-X-CPU01
6. HIMA HIMAX-X-COM01
7. HIMA HIMAX-X-AO1601
8. HIMA HIMAX-X-BLK03

ENGINEERING BOUNDARY

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

PRE-INSTALLATION CHECKS

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.

Applications and Engineering Context

Installed-system replacement

Restores the exact HIMA F3322 position without borrowing values from a nearby model.

Controlled cabinet maintenance

Supports isolation, as-found documentation and disciplined wiring restoration.

Legacy-system continuity

Maintains the validated HIMA H41q/H51q architecture and lifecycle record.

Functional recommissioning

Verifies delivery of sixteen documented 24 VDC digital output channels before process or safety release.

TECHNICAL NOTE

Match HIMA F3322 to the complete nameplate and controlled cabinet record. Preserve all as-found wiring, rack position and connected circuits; after replacement, verify diagnostics and delivery of sixteen documented 24 VDC digital output channels under controlled conditions.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	F3322 recorded
Host / carrier	HIMA H41q/H51q
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

IMPORTANT NOTICE

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

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1. **HIMA F3237**
   View HIMA F3237 page
2. **HIMA K1409**
   View HIMA K1409 page
3. **HIMA F3422**
   View HIMA F3422 page
4. **HIMA F60CPU01-771193**
   View HIMA F60CPU01-771193 page
5. **HIMA HIMAX-X-CPU01**
   View HIMA HIMAX-X-CPU01 page
6. **HIMA HIMAX-X-COM01**
   View HIMA HIMAX-X-COM01 page
7. **HIMA HIMAX-X-AO1601**
   View HIMA HIMAX-X-AO1601 page
8. **HIMA HIMAX-X-BLK03**
   View HIMA HIMAX-X-BLK03 page

MANUFACTURER SOURCE RECORD

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

APTER POWER SALES TEAM

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com

RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.