APTER POWER

COMPLETE PRODUCT INFORMATION

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.

PRODUCT SNAPSHOT

BRAND HIMA	FAMILY HIMA H41q/H51q
PART F3322	DOCUMENT STATUS Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

+86 180 3023 5313

WEBSITE

www.apterpower.com

PRODUCT OVERVIEW

HIMA F3322 occupies the documented HIMA H41q/H51q hardware position and interfaces the installed cabinet circuits with the approved control architecture.

- Exact HIMA F3322 identity
- HIMA H41q/H51q
- 16
- Controlled replacement and acceptance

RELATED APTER POWER PAGES

1. HIMA HIMATRIX-F30-01
2. HIMA F8627X
3. HIMA F8651E
4. HIMA F7541
5. HIMA Z7108
6. HIMA Z7150
7. HIMA Z1006
8. HIMA 52100

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximitor Sensor	AISI 4140 target

ENGINEERING CONTEXT

The module must remain matched to its exact rack position, wiring and engineering record. Commissioning restores the approved architecture and verifies delivery of sixteen documented 24 VDC digital output channels before the affected function is returned to service.

TECHNICAL DATA

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

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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.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

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.

PRODUCT PRECAUTIONS

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.
7. Energize under control and review rack, module, channel and process diagnostics.
8. Complete a controlled functional test of delivery of sixteen documented 24 VDC digital output channels before release.

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ENGINEER FAQ

Q1 What exact hardware is HIMA F3322?

HIMA F3322 is the documented 16-channel digital output module used for delivery of sixteen documented 24 VDC digital output channels.

Q2 Which system family contains HIMA F3322?

The manufacturer evidence associates HIMA F3322 with HIMA H41q/H51q.

Q3 Which identity detail must be matched for HIMA F3322?

Match the complete HIMA F3322 marking and output channels 16 where that value is listed.

Q4 What must be recorded before removing HIMA F3322?

Record HIMA F3322, its rack position, wiring or contacts, connected circuits, protective earth and the controlled cabinet drawing.

Q5 Can HIMA F3322 be replaced from a similar model description?

No. HIMA F3322 must be matched by exact model, documented interfaces and the approved system record.

Q6 How should HIMA F3322 be isolated for service?

Place the affected function in its approved maintenance state, isolate all connected energy and prove the HIMA F3322 circuits safe before handling.

Q7 What must be checked after installing HIMA F3322?

Verify the HIMA F3322 position, wiring, indicators, controller diagnostics and every affected channel or power path under controlled conditions.

Q8 What proves HIMA F3322 is ready for service?

A recorded acceptance test must confirm that HIMA F3322 performs delivery of sixteen documented 24 VDC digital output channels without unexpected diagnostics or process response.

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

+86 180 3023 5313 | sales13@apterpower.com | www.apterpower.com