APTER POWER

COMPLETE PRODUCT INFORMATION

F3236

16-Channel Safety-Related Digital Input Module

HIMA F3236 is a 16-channel safety-related digital input module for HIMA H41q/H51q. It provides acquisition of sixteen documented 24 V digital input channels in a safety-related rack in the

PRODUCT SNAPSHOT

BRAND HIMA	FAMILY HIMA H41q/H51q
PART F3236	DOCUMENT STATUS Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

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WEBSITE

www.apterpower.com

PRODUCT OVERVIEW

HIMA F3236 occupies the documented HIMA H41q/H51q hardware position and interfaces the installed cabinet circuits with the approved control architecture.

- Exact HIMA F3236 identity
- HIMA H41q/H51q
- 16
- Controlled replacement and acceptance

RELATED APTER POWER PAGES

1. HIMA HIMATRIX-F35-011
2. HIMA HIMATRIX-F3-DIO-16-8-01
3. HIMA HIMATRIX-F30-01
4. HIMA F8627X
5. HIMA F8651E
6. HIMA F7541
7. HIMA Z7108
8. HIMA Z7150

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 acquisition of sixteen documented 24 V digital input channels in a safety-related rack before the affected function is returned to service.

TECHNICAL DATA

PARAMETER	VALUE
Exact model	F3236
Product type	Safety-related digital input module
Input channels	16
Input class	24 V digital inputs

PARAMETER	VALUE
Revision status	Revisions 06 and 07 listed valid
System family	H41q/H51q
Safety approval	SIL 3 stated in the approval schedule
Replacement control	Preserve slot and sixteen-channel map

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TECHNICAL NOTE

Match HIMA F3236 to the complete nameplate and controlled cabinet record. Preserve all as-found wiring, rack position and connected circuits; after replacement, verify diagnostics and acquisition of sixteen documented 24 V digital input channels in a safety-related rack under controlled conditions.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Installed-system replacement

Restores the exact HIMA F3236 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 acquisition of sixteen documented 24 V digital input channels in a safety-related rack before process or safety release.

PRODUCT PRECAUTIONS

1. Confirm the complete HIMA F3236 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 acquisition of sixteen documented 24 V digital input channels in a safety-related rack before release.

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ENGINEER FAQ

Q1 What exact hardware is HIMA F3236?

HIMA F3236 is the documented 16-channel safety-related digital input module used for acquisition of sixteen documented 24 V digital input channels in a safety-related rack.

Q2 Which system family contains HIMA F3236?

The manufacturer evidence associates HIMA F3236 with HIMA H41q/H51q.

Q3 Which identity detail must be matched for HIMA F3236?

Match the complete HIMA F3236 marking and input channels 16 where that value is listed.

Q4 What must be recorded before removing HIMA F3236?

Record HIMA F3236, its rack position, wiring or contacts, connected circuits, protective earth and the controlled cabinet drawing.

Q5 Can HIMA F3236 be replaced from a similar model description?

No. HIMA F3236 must be matched by exact model, documented interfaces and the approved system record.

Q6 How should HIMA F3236 be isolated for service?

Place the affected function in its approved maintenance state, isolate all connected energy and prove the HIMA F3236 circuits safe before handling.

Q7 What must be checked after installing HIMA F3236?

Verify the HIMA F3236 position, wiring, indicators, controller diagnostics and every affected channel or power path under controlled conditions.

Q8 What proves HIMA F3236 is ready for service?

A recorded acceptance test must confirm that HIMA F3236 performs acquisition of sixteen documented 24 V digital input channels in a safety-related rack without unexpected diagnostics or process

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SOURCE HIMA H41q/H51q revision list and HIQuad X approval schedule | HIMA manufacturer evidence

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