F3236

16-Channel Safety-Related Digital Input Module

CONTROLLED ENGINEERING COPY

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 documented installed system.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	F3236
Manufacturer	HIMA
System family	HIMA H41q/H51q
Record scope	Installation, application and verification

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

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

01 PRE-INSTALLATION PLAN

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.

MATCHED HARDWARE

- HIMA F3236 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	F3236 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 acquisition of sixteen documented 24 V digital input channels in a safety-related rack

02 WIRING & INTERFACE CHECKS

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

RELATED PRODUCT PAGES

1. HIMA HIMAX-X-AO1601
2. HIMA HIMAX-X-BLK03
3. HIMA HIMAX-X-DI3201
4. HIMA HIMAX-X-AI3201
5. HIMA F60MI2401
6. HIMA F60CPU03
7. HIMA F60-AO-8-01
8. HIMA F3-DIO-16-801

FIELD NOTE

Confirm HIMA F3236, 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 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.

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	F3236
Physical interface	Installed terminals and circuits matched to the as-found record
Configuration	Approved rack and engineering arrangement restored
Functional proof	Controlled test confirms acquisition of sixteen documented 24 V digital input channels in a safety-related rack

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 acquisition of sixteen documented 24 V digital input channels in a safety-related rack before release.

VERIFICATION RECORD

PRODUCT IDENTITY	F3236
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 acquisition of sixteen documented 24 V digital input channels in a safety-related rack before release.

SOURCE IDENTIFIERS

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