HIMA F3430

Safety Relay Module / Identity and operating role

This product-information file separates the verified F3430 identity, safety classification, electrical switching boundary and revision status from installation-specific load data. It is an exact-item selection aid and not a cross-model compatibility statement.

Verified identity	HIMA F3430
Confirmed function	Four-channel safety-related relay output
Confirmed safety level	SIL 3
Confirmed revisions	01 and 02
Confirmed DC boundary	110 VDC
Confirmed AC boundary	250 VAC

MODEL-SPECIFIC POINT

Use F3430 as the complete selection identity; do not normalize it to F3422 or another relay module.

MODEL-SPECIFIC POINT

Treat the published voltage and current values as switching boundaries, not load-design instructions.

MODEL-SPECIFIC POINT

Confirm revision 01 or 02 from the F3430 nameplate.

MODEL-SPECIFIC POINT

Related links do not prove F3430 compatibility.

Important Notice: The published F3430 ratings and related-product references do not establish cross-model compatibility or authorize a switch-on-demand safety function.

IDENTITY CONTROL

Match the complete model and installed record before any replacement decision.

CONFIGURATION CONTROL

Retain the project, addresses, wiring or network data and acceptance evidence together.

HIMA F3430

Safety Relay Module / System integration and applications

The manufacturer evidence confirms what F3430 is and where its published limits apply. The installed safety function, actual load, protective device, conductor rating and acceptance method remain separate engineering records.

Exact-item verification

Confirm F3430, revision and four-channel relay-output identity.

Electrical-boundary review

Check the installed AC or DC load against the published switching limits.

Safety-scope review

Exclude applications that conflict with the stated EN ISO 13849-1 restriction.

Maintenance record control

Preserve manufacturer facts and installed-system data as separate evidence sets.

Additional manufacturer data

Confirmed current boundary	Up to 4 A
Published restriction	No switch-on-demand safety function under EN ISO 13849-1
Evidence source	Exact HIMA technical overview and revision list
Related links	Catalog navigation only; no compatibility claim

VERIFIED RELATED PRODUCTS

Catalog navigation only; compatibility, replacement or substitution is not implied.

01 HIMA F7133

02 HIMA F7126

HIMA F3430

Safety Relay Module / Installation and commissioning

01 / CONTROLLED STEP

Use the complete HIMA F3430 marking as the primary selection key.

02 / CONTROLLED STEP

Do not borrow channel counts or ratings from F3422 or another nearby model.

03 / CONTROLLED STEP

Confirm revision 01 or 02 against the cited HIMA revision record.

04 / CONTROLLED STEP

Apply 110 VDC, 250 VAC and 4 A only within the documented switching scope.

05 / CONTROLLED STEP

Do not present related catalog products as F3430 replacements.

06 / CONTROLLED STEP

Retain load and protection data in the controlled circuit record.

Release gate

Respect the published EN ISO 13849-1 switch-on-demand limitation. Resolve any nameplate or application conflict before quotation, installation or release.

Exact identity	F3430
Installed position	Record rack, slot and station assignment
Configuration	Retain project, addresses, signal modes and network data
Acceptance	Record diagnostics and witnessed functional response

VERIFIED RELATED PRODUCTS

Catalog navigation only; compatibility, replacement or substitution is not implied.

01 HIMA F7130A

02 HIMA F7553

HIMA F3430

Safety Relay Module / Model-specific engineering questions

What exact product identity is verified for HIMA F3430?

The verified item is the HIMA F3430 four-channel safety-related relay output module; the installed revision must also agree.

Does the HIMA F3430 rating specify the installed load design?

No. The values are switching boundaries; load, conductor and protection details remain project-specific.

Why must the HIMA F3430 revision be recorded?

HIMA lists revisions 01 and 02, so the actual nameplate revision belongs in the controlled record.

Which HIMA F3430 use is expressly restricted?

The manufacturer record excludes safety functions requiring switching on demand under EN ISO 13849-1.

Which HIMA F3430 facts come directly from the manufacturer record?

The record supports four channels, SIL 3, 110 VDC, 250 VAC, up to 4 A, valid revisions and the application restriction.

Can HIMA F3422 be treated as an automatic substitute for HIMA F3430?

No. A nearby model does not prove pin, wiring, function or safety equivalence.

What does SIL 3 mean for selection of HIMA F3430?

It is the module classification within its documented scope; the complete installed safety function still requires validation.

Do ApterPower links prove HIMA F3430 compatibility?

No. They are catalog-navigation references only and do not establish substitution or application approval.

VERIFIED RELATED PRODUCTS

Catalog navigation only; compatibility, replacement or substitution is not implied.

01 HIMA H4135A

Acceptance record

Identify the exact model, restored configuration, diagnostic state and witnessed response. Preserve the record with the controlled maintenance history.

Identity	Complete manufacturer and model marking verified
Configuration	Installed project, mapping, wiring or network data restored
Diagnostics	Relevant module and system indicators reviewed
Release	Intended field response witnessed and recorded

HIMA F3430

Safety Relay Module / Evidence and support

EVIDENCE BOUNDARY

Only exact manufacturer material supports the stated facts; nearby suffixes are not treated as substitutes.

DOCUMENT USE

Use this file with the installed drawing, project backup and controlled maintenance procedure.

Manufacturer	HIMA
Exact model	F3430
Product type	Safety Relay Module
Product family	HIQuad H41q/H51q
Evidence basis	Exact manufacturer publication

VERIFIED RELATED PRODUCTS

Catalog navigation only; compatibility, replacement or substitution is not implied.

01 HIMA H7506

MANUFACTURER EVIDENCE RECORD

HIMA Technical Product Overview and HIQuad/HIQuad X Revision List

Manufacturer records confirming F3430 identity, four-channel SIL 3 relay outputs, ratings, valid revisions and the EN ISO 13849-1 application restriction.

DOCUMENT PACKAGE

Exact identity: manufacturer and full model are retained throughout this file.

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