HIMA F2 DO 16 02

Relay Output Module / Identity and operating role

HIMA F2 DO 16 02 is a HIMatrix remote output module with sixteen digital relay outputs. HIMA identifies two Ethernet switch ports and relay contact potential up to 60 V for this exact model.

Official model	F2 DO 16 02
Compact spelling	F2DO1602
Product family	HIMatrix F
Device form	Remote output I/O
Digital inputs	None listed
Digital outputs	16

MODEL-SPECIFIC POINT

Confirm all sixteen relay-output assignments before conductor transfer.

MODEL-SPECIFIC POINT

Keep the installed contact potential within the documented 60 V limit.

MODEL-SPECIFIC POINT

Retain both Ethernet switch-port connections and network records.

MODEL-SPECIFIC POINT

Do not borrow ratings from F2 DO 16 01 or another F2 output suffix.

Important Notice: Verify F2 DO 16 02 rather than F2 DO 16 01; the output technology and limits are suffix-specific.

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 F2 DO 16 02

Relay Output Module / System integration and applications

This remote output module connects relay-actuated field circuits to a HIMatrix network. Output loads, protective devices and network topology remain defined by the approved installation.

Remote trip outputs

Operate approved field circuits from a distributed safety station.

Relay-isolated duties

Apply relay outputs where the documented field interface requires contacts.

Distributed shutdown logic

Place sixteen controlled outputs near the protected equipment.

Networked cabinet expansion

Extend output capacity through the validated HIMatrix Ethernet layout.

Additional manufacturer data

Output technology	Relay
Contact potential	Up to 60 V
Ethernet switch ports	2
Line monitoring	Not listed
System engineering	SILworX
Safety networking	SafeEthernet portfolio

VERIFIED RELATED PRODUCTS

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

01 HIMA F60CPU03

02 HIMA F60MI2401

APPLICATION BOUNDARY

The examples describe the documented system role and do not establish interchangeability.

SELECTION EVIDENCE

Confirm the exact model against the installed drawing, project record and field arrangement.

HIMA F2 DO 16 02

Relay Output Module / Installation and commissioning

01 / CONTROLLED STEP

Verify the complete manufacturer and model marking against the approved bill of materials.

02 / CONTROLLED STEP

Record the installed position, terminal arrangement, network assignment and visible diagnostics before removal.

03 / CONTROLLED STEP

De-energize the affected circuit and apply the site isolation and electrostatic-control procedure.

04 / CONTROLLED STEP

Compare every conductor, connector and address with the controlled drawing before transfer.

05 / CONTROLLED STEP

Inspect mating parts, grounding, shielding and enclosure condition before installing the replacement.

06 / CONTROLLED STEP

Restore only the validated project and the documented channel or communication settings.

Release gate

Review startup diagnostics before any live functional test is attempted. Prove the intended response and retain the witnessed acceptance record before release.

Exact identity	F2 DO 16 02
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 F6205

02 HIMA F6217

PRE-ENERGIZATION

Recheck identity, seating, wiring, grounding, signal mode and every applicable protective device.

FUNCTIONAL ACCEPTANCE

Review diagnostics and prove the intended response before the process is released.

HIMA F2 DO 16 02

Relay Output Module / Model-specific engineering questions

What is HIMA F2 DO 16 02?

It is the exact relay output module identified in the cited HIMA manufacturer material.

Can a nearby HIMA model be substituted?

No. Similar family names do not establish channel, electrical, safety or connector equivalence.

What is the first technical check?

Confirm all sixteen relay-output assignments before conductor transfer.

What is required before energization?

Recheck the exact identity, approved wiring, seating, supply, grounding and application-specific protective devices.

Which identity must be checked?

Match the complete F2 DO 16 02 marking and the installed project record; do not shorten or normalize the suffix during selection.

What should be recorded before removal?

Record the installed location, terminal or connector arrangement, project assignment, network data and current diagnostics.

What is the second technical check?

Keep the installed contact potential within the documented 60 V limit.

What completes acceptance?

Review diagnostics and witness the intended field or logic response under the controlled commissioning procedure.

VERIFIED RELATED PRODUCTS

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

01 HIMA F6705

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 F2 DO 16 02

Relay Output 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	F2 DO 16 02
Product type	Relay Output Module
Product family	HIMatrix F
Evidence basis	Exact manufacturer publication

VERIFIED RELATED PRODUCTS

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

01 HIMA F7105A

MANUFACTURER EVIDENCE RECORD

HIMA Technical Facts: HIMatrix COTS

Manufacturer portfolio table identifying F2 DO 16 02 output count and contact potential.

DOCUMENT PACKAGE

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

Engineering boundary: nearby suffixes do not establish compatibility or substitution.

Field use: combine this reference with the installed drawing and validated project record.

Release evidence: retain diagnostics, test results and witnessed functional acceptance.

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