Product dashboard

HIMA F3349 is an eight-channel safety-related digital output module for 24 V or 48 V DC loads. Documented features include line monitoring, electronic short-circuit protection and open-circuit supervision.

Exact model	Product type	System family	Functional role
F3349	Eight-Channel Digital Output Module	HIMA safety-related I/O	Digital Output Module

PARAMETER	DOCUMENTED VALUE
Exact model	F3349
Module type	Safety-related digital output
Output channels	8
Nominal output voltage	24 V DC or 48 V DC
Maximum output current	500 mA per documented channel
Monitoring	Line and open-circuit supervision
Protection	Electronic short-circuit protection
Safety classification	SIL 3 in documented application

Release basis: verify the exact identity, retained host relationship, connected interfaces and controlled functional result.

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

F3349

System overview

F3349 drives eight monitored DC output channels in a safety-related I/O arrangement, with each field circuit matched to the documented voltage, load and diagnostic behavior.

Installed-system renewal

Restores the documented F3349 position while keeping the approved host and interfaces.

Controlled maintenance

Supports as-found recording, safe isolation and exact connection restoration.

Compatibility review

Compares the full marking, host, connectors, settings and companion hardware.

Commissioning evidence

Records diagnostics and a controlled functional test of monitored switching of eight safety-related 24/48 V DC output circuits.

SYSTEM POSITION	RECORD
Installed identity	F3349

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Technical data map

PARAMETER	VERIFIED VALUE
Exact model	F3349
Module type	Safety-related digital output
Output channels	8
Nominal output voltage	24 V DC or 48 V DC
Maximum output current	500 mA per documented channel
Monitoring	Line and open-circuit supervision
Protection	Electronic short-circuit protection
Safety classification	SIL 3 in documented application
Revision record	Revisions 00 and 01 listed
Acceptance	Command, load and channel diagnostics

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Interfaces	Power, wiring, communication and protection
Configuration	Settings, project and revision
Release	monitored switching of eight safety-related 24/48 V DC output circuits

Technical evidence record: HIMA certificates 59904, 61625 and 61633

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Applications and precautions

1. Confirm the complete F3349 marking before work.
2. Place the affected equipment in its approved maintenance state.
3. Isolate connected energy and prove the circuit safe.
4. Photograph the slot, wiring, connectors and settings before removal.
5. Match every documented interface and companion component.
6. Restore mechanical retention, shielding and protective earth.
7. Review hardware, network and controller diagnostics after energization.
8. Functionally verify monitored switching of eight safety-related 24/48 V DC output circuits before service release.

Complete each check against the installed record; hold release when any identity, connection, configuration or diagnostic result differs.

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F3349

Buyer and engineering FAQ

What does F3349 identify?

F3349 identifies the eight-channel digital output module used for monitored switching of eight safety-related 24/48 V DC output circuits.

Which installed system must F3349 match?

Match F3349 to the recorded HIMA safety-related I/O host, position and companion hardware.

Which markings must be checked on F3349?

Verify the complete F3349 text and every suffix, revision or assembly marking on the supplied item.

What should be recorded before removing F3349?

Record the slot, connectors, cable labels, switches, parameters, adjacent hardware and diagnostic state.

Related Apter Power pages

HIMA F3 DIO 16 801 — View product page

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WEBSITE	www.apterpower.com

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