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01 Readiness and operating boundary

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.

Confirm exact identity

Confirm the complete F3349 marking before work.

Exact model	F3349
Module type	Safety-related digital output
Output channels	8

Establish the safe work boundary

Place the affected equipment in its approved maintenance state.

Identity	F3349
Host	HIMA safety-related I/O
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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F3349

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02 Configuration and interface setup

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.

Record the as-found configuration

Isolate connected energy and prove the circuit safe.

Module type	Safety-related digital output
Output channels	8
Nominal output voltage	24 V DC or 48 V DC

Map connections and settings

Photograph the slot, wiring, connectors and settings before removal.

Identity	F3349
Host	HIMA safety-related I/O
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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03 Installation and service sequence

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.

Restore the documented assembly

Match every documented interface and companion component.

Output channels	8
Nominal output voltage	24 V DC or 48 V DC
Maximum output current	500 mA per documented channel

Protect every interface

Restore mechanical retention, shielding and protective earth.

Identity	F3349
Host	HIMA safety-related I/O
Acceptance	Diagnostics and functional response

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04 Verification and fault isolation

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.

Verify the installed function

Review hardware, network and controller diagnostics after energization.

Nominal output voltage	24 V DC or 48 V DC
Maximum output current	500 mA per documented channel
Monitoring	Line and open-circuit supervision

Isolate unexpected response

Functionally verify monitored switching of eight safety-related 24/48 V DC output circuits before service release.

Identity	F3349
Host	HIMA safety-related I/O
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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Result	Pass / hold / corrective action
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05 Acceptance and service handover

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.

Complete the release record

Confirm the complete F3349 marking before work.

Exact model	F3349
Module type	Safety-related digital output
Output channels	8

Retain acceptance evidence

Place the affected equipment in its approved maintenance state.

Identity	F3349
Host	HIMA safety-related I/O
Acceptance	Diagnostics and functional response

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