APTER POWER

COMPLETE PRODUCT INFORMATION

F3417A

Four-Channel Safety-Related Relay Amplifier

HIMA F3417A is a four-channel safety-related relay amplifier for HIMA Planar F. It provides four-channel safety-related relay amplification with one changeover contact per channel in the

PRODUCT SNAPSHOT

BRAND HIMA	FAMILY HIMA Planar F
PART F3417A	DOCUMENT STATUS Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

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WEBSITE

www.apterpower.com

PRODUCT OVERVIEW

HIMA F3417A occupies the documented HIMA Planar F hardware position and interfaces the installed cabinet circuits with the approved control architecture.

- Exact HIMA F3417A identity
- HIMA Planar F
- 98 4341760
- Controlled replacement and acceptance

RELATED APTER POWER PAGES

1. HIMA F7541
2. HIMA Z7108
3. HIMA Z7150
4. HIMA Z1006
5. HIMA 52100
6. HIMA 42300
7. HIMA K7214
8. HIMA F8620-11

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximitor Sensor	AISI 4140 target

ENGINEERING CONTEXT

The module must remain matched to its exact rack position, wiring and engineering record. Commissioning restores the approved architecture and verifies four-channel safety-related relay amplification with one changeover contact per channel before the affected function is returned to service.

TECHNICAL DATA

PARAMETER	VALUE
Exact model	F3417A
System family	Planar F
HIMA part number	98 4341760
Channels	4

PARAMETER	VALUE
Module function	Safety-related relay amplifier
Safety integrity	SIL 2
Contact arrangement	One changeover contact per channel
Safe isolation	Up to 250 V

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TECHNICAL NOTE

Match HIMA F3417A to the complete nameplate and controlled cabinet record. Preserve all as-found wiring, rack position and connected circuits; after replacement, verify diagnostics and four-channel safety-related relay amplification with one changeover contact per channel under controlled conditions.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Installed-system replacement

Restores the exact HIMA F3417A position without borrowing values from a nearby model.

Controlled cabinet maintenance

Supports isolation, as-found documentation and disciplined wiring restoration.

Legacy-system continuity

Maintains the validated HIMA Planar F architecture and lifecycle record.

Functional recommissioning

Verifies four-channel safety-related relay amplification with one changeover contact per channel before process or safety release.

PRODUCT PRECAUTIONS

1. Confirm the complete HIMA F3417A 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.
7. Energize under control and review rack, module, channel and process diagnostics.
8. Complete a controlled functional test of four-channel safety-related relay amplification with one changeover contact per channel before release.

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ENGINEER FAQ

Q1 What exact hardware is HIMA F3417A?

HIMA F3417A is the documented four-channel safety-related relay amplifier used for four-channel safety-related relay amplification with one changeover contact per channel.

Q2 Which system family contains HIMA F3417A?

The manufacturer evidence associates HIMA F3417A with HIMA Planar F.

Q3 Which identity detail must be matched for HIMA F3417A?

Match the complete HIMA F3417A marking and hima part number 98 4341760 where that value is listed.

Q4 What must be recorded before removing HIMA F3417A?

Record HIMA F3417A, its rack position, wiring or contacts, connected circuits, protective earth and the controlled cabinet drawing.

Q5 Can HIMA F3417A be replaced from a similar model description?

No. HIMA F3417A must be matched by exact model, documented interfaces and the approved system record.

Q6 How should HIMA F3417A be isolated for service?

Place the affected function in its approved maintenance state, isolate all connected energy and prove the HIMA F3417A circuits safe before handling.

Q7 What must be checked after installing HIMA F3417A?

Verify the HIMA F3417A position, wiring, indicators, controller diagnostics and every affected channel or power path under controlled conditions.

Q8 What proves HIMA F3417A is ready for service?

A recorded acceptance test must confirm that HIMA F3417A performs four-channel safety-related relay amplification with one changeover contact per channel without unexpected diagnostics or process

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SOURCE HIMA list of discontinued products, revision 18 | HIMA manufacturer evidence

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