F3417A

Four-Channel Safety-Related Relay Amplifier

CONTROLLED ENGINEERING COPY

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 documented installed system.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	F3417A
Manufacturer	HIMA
System family	HIMA Planar F
Record scope	Installation, application and verification

1 PLAN — 2 ISOLATE — 3 CONNECT — 4 CONFIGURE — 5 TEST

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01 PRE-INSTALLATION PLAN

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.

MATCHED HARDWARE

- HIMA F3417A with complete exact identity
- Matched HIMA Planar F host
- Documented wiring and protective interfaces
- Approved diagnostics and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	F3417A recorded
Physical interface	Installed terminals and circuits matched to the as-found record
Configuration	Approved rack and engineering arrangement restored
Functional proof	Controlled test confirms four-channel safety-related relay amplification with one changeover contact per channel

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Exact model	F3417A
System family	Planar F
HIMA part number	98 4341760
Channels	4
Module function	Safety-related relay amplifier
Safety integrity	SIL 2
Contact arrangement	One changeover contact per channel
Safe isolation	Up to 250 V

RELATED PRODUCT PAGES

1. HIMA F60CPU03
2. HIMA F60-AO-8-01
3. HIMA F3-DIO-16-801
4. HIMA HIMATRIX-F35-011
5. HIMA HIMATRIX-F3-DIO-16-8-01
6. HIMA HIMATRIX-F30-01
7. HIMA F8627X
8. HIMA F8651E

FIELD NOTE

Confirm HIMA F3417A, its exact host, installed position, connected circuits, protective measures, lifecycle status, diagnostics and recorded acceptance result before release.

03 COMMISSIONING WORKFLOW

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.

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	F3417A
Physical interface	Installed terminals and circuits matched to the as-found record
Configuration	Approved rack and engineering arrangement restored
Functional proof	Controlled test confirms four-channel safety-related relay amplification with one changeover contact per channel

04 RETURN-TO-SERVICE RECORD

- [ ] Verify every exact electrical or lifecycle value in the cited manufacturer evidence.
- [ ] Restore protective earth, wiring, mechanical retention and the approved system arrangement.
- [ ] Energize under control and review rack, module, channel and process diagnostics.
- [ ] Complete a controlled functional test of four-channel safety-related relay amplification with one changeover contact per channel before release.

VERIFICATION RECORD

PRODUCT IDENTITY	F3417A
INSTALLED POSITION	Documented HIMA Planar F position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- [ ] Verify every exact electrical or lifecycle value in the cited manufacturer evidence.
- [ ] Restore protective earth, wiring, mechanical retention and the approved system arrangement.
- [ ] Energize under control and review rack, module, channel and process diagnostics.
- [ ] Complete a controlled functional test of four-channel safety-related relay amplification with one changeover contact per channel before release.

SOURCE IDENTIFIERS

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