APTER POWER

INDUSTRIAL AUTOMATION PRODUCT

F4204

Six-Channel Safety-Related OR Gate Module

HIMA F4204 is a six-channel safety-related or gate module for HIMA Planar F. It provides six-channel safety-related OR logic with a five-channel diode pre-unit in the documented installed system.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	HIMA
System family	HIMA Planar F
Part number	F4204
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Match HIMA F4204 to the complete nameplate and controlled cabinet record. Preserve all as-found wiring, rack position and connected circuits; after replacement, verify diagnostics and six-channel safety-related OR logic with a five-channel diode pre-unit under controlled conditions.

System Role and Architecture

HIMA F4204 is a six-channel safety-related or gate module for HIMA Planar F. It provides six-channel safety-related OR logic with a five-channel diode pre-unit in the documented installed system.

FUNCTION 1
Exact HIMA F4204 identity

FUNCTION 2
HIMA Planar F

FUNCTION 3
98 1420402

FUNCTION 4
Controlled replacement and acceptance

RELATED APTER POWER PAGES

1. HIMA HIMAX-X-CPU01
2. HIMA HIMAX-X-COM01
3. HIMA HIMAX-X-AO1601
4. HIMA HIMAX-X-BLK03
5. HIMA HIMAX-X-DI3201
6. HIMA HIMAX-X-AI3201
7. HIMA F60MI2401
8. HIMA F60CPU03

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	HIMA Planar F
02	Matched HIMA Planar F host
03	Documented wiring, power and protective interfaces
04	Approved cabinet drawing and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	HIMA Planar F
Interface role	six-channel safety-related OR logic with a five-channel diode pre-unit
Field / power context	documented HIMA Planar F installation
Commissioning evidence	Identity, wiring, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

1. Confirm the complete HIMA F4204 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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE
Exact model	F4204
System family	Planar F
HIMA part number	98 1420402
Logic channels	6

PARAMETER	VALUE
Module function	Safety-related OR gate
Diode pre-unit	5 channels
Requirement class	RC 6
Listed alternative	42300

RELATED PRODUCT PAGES

1. HIMA HIMAX-X-CPU01
2. HIMA HIMAX-X-COM01
3. HIMA HIMAX-X-AO1601
4. HIMA HIMAX-X-BLK03
5. HIMA HIMAX-X-DI3201
6. HIMA HIMAX-X-AI3201
7. HIMA F60MI2401
8. HIMA F60CPU03

ENGINEERING BOUNDARY

Confirm HIMA F4204, its exact host, installed position, connected circuits, protective measures, lifecycle status, diagnostics and recorded acceptance result before release.

PRE-INSTALLATION CHECKS

1. Confirm the complete HIMA F4204 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.

Applications and Engineering Context

Installed-system replacement

Restores the exact HIMA F4204 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 six-channel safety-related OR logic with a five-channel diode pre-unit before process or safety release.

TECHNICAL NOTE

Match HIMA F4204 to the complete nameplate and controlled cabinet record. Preserve all as-found wiring, rack position and connected circuits; after replacement, verify diagnostics and six-channel safety-related OR logic with a five-channel diode pre-unit under controlled conditions.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	F4204 recorded
Host / carrier	HIMA Planar F
Physical interface	Installed terminals and circuits matched to the as-found record
Configuration	Approved rack and engineering arrangement restored
Functional proof	Controlled test confirms six-channel safety-related OR logic with a five-channel diode pre-unit

IMPORTANT NOTICE

Confirm HIMA F4204, its exact host, installed position, connected circuits, protective measures, lifecycle status, diagnostics and recorded acceptance result before release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1. **HIMA HIMAX-X-CPU01**
   View HIMA HIMAX-X-CPU01 page
2. **HIMA HIMAX-X-COM01**
   View HIMA HIMAX-X-COM01 page
3. **HIMA HIMAX-X-AO1601**
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7. **HIMA F60MI2401**
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8. **HIMA F60CPU03**
   View HIMA F60CPU03 page

MANUFACTURER SOURCE RECORD

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

APTER POWER SALES TEAM

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com

RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.