F4204

Six-Channel Safety-Related OR Gate Module

CONTROLLED ENGINEERING COPY

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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	F4204
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 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.
5. Verify every exact electrical or lifecycle value in the cited manufacturer evidence.

MATCHED HARDWARE

- HIMA F4204 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	F4204 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 six-channel safety-related OR logic with a five-channel diode pre-unit

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Exact model	F4204
System family	Planar F
HIMA part number	98 1420402
Logic channels	6
Module function	Safety-related OR gate
Diode pre-unit	5 channels
Requirement class	RC 6
Listed alternative	42300

RELATED PRODUCT PAGES

1. HIMA F60-AO-8-01
2. HIMA F3-DIO-16-801
3. HIMA HIMATRIX-F35-011
4. HIMA HIMATRIX-F3-DIO-16-8-01
5. HIMA HIMATRIX-F30-01
6. HIMA F8627X
7. HIMA F8651E
8. HIMA F7541

FIELD NOTE

Confirm HIMA F4204, 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 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.
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	F4204
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

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 six-channel safety-related OR logic with a five-channel diode pre-unit before release.

VERIFICATION RECORD

PRODUCT IDENTITY	F4204
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 six-channel safety-related OR logic with a five-channel diode pre-unit before release.

SOURCE IDENTIFIERS

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