Product dashboard

HIMA F6215 is a four-channel safety-related analog input module supporting 0–1 V, 0–5 V, 0–10 V, Pt100 or 0/4–20 mA signals. The documented execution provides 12-bit conversion with short- and open-circuit monitoring.

Exact model	Product type	System family	Functional role
F6215	Four-Channel Analog Input Module	HIQuad X safety-related I/O	Analog Input Module

PARAMETER	DOCUMENTED VALUE
Exact model	F6215
Module type	Safety-related analog input
Input channels	4
Voltage ranges	0–1 V / 0–5 V / 0–10 V
Current ranges	0–20 mA / 4–20 mA
Resistance input	Pt100
Resolution	12 bit
Monitoring	Short- and open-circuit supervision

Release basis: verify the exact identity, retained host relationship, connected interfaces and controlled functional result.

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

F6215

System overview

F6215 acquires four analog field channels for the matched HIQuad X safety architecture while preserving each channel's signal range, wiring and diagnostic configuration.

Installed-system renewal

Restores the documented F6215 position while keeping the approved host and interfaces.

Controlled maintenance

Supports as-found recording, safe isolation and exact connection restoration.

Compatibility review

Compares the full marking, host, connectors, settings and companion hardware.

Commissioning evidence

Records diagnostics and a controlled functional test of four-channel acquisition and monitoring of safety-related analog field signals.

SYSTEM POSITION	RECORD
Installed identity	F6215

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

F6215

Technical data map

PARAMETER	VERIFIED VALUE
Exact model	F6215
Module type	Safety-related analog input
Input channels	4
Voltage ranges	0–1 V / 0–5 V / 0–10 V
Current ranges	0–20 mA / 4–20 mA
Resistance input	Pt100
Resolution	12 bit
Monitoring	Short- and open-circuit supervision
Safety classification	SIL 3 in documented application
Acceptance	Channel value, scaling and diagnostics

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Interfaces	Power, wiring, communication and protection
Configuration	Settings, project and revision
Release	four-channel acquisition and monitoring of safety-related analog field signals

Technical evidence record: HIMA HIQuad X functional-safety product certificate 61625

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

F6215

Applications and precautions

1. Confirm the complete F6215 marking before work.
2. Place the affected equipment in its approved maintenance state.
3. Isolate connected energy and prove the circuit safe.
4. Photograph the slot, wiring, connectors and settings before removal.
5. Match every documented interface and companion component.
6. Restore mechanical retention, shielding and protective earth.
7. Review hardware, network and controller diagnostics after energization.
8. Functionally verify four-channel acquisition and monitoring of safety-related analog field signals before service release.

Complete each check against the installed record; hold release when any identity, connection, configuration or diagnostic result differs.

CONTACT APTER POWER

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

F6215

Buyer and engineering FAQ

What does F6215 identify?

F6215 identifies the four-channel analog input module used for four-channel acquisition and monitoring of safety-related analog field signals.

Which installed system must F6215 match?

Match F6215 to the recorded HIQuad X safety-related I/O host, position and companion hardware.

Which markings must be checked on F6215?

Verify the complete F6215 text and every suffix, revision or assembly marking on the supplied item.

What should be recorded before removing F6215?

Record the slot, connectors, cable labels, switches, parameters, adjacent hardware and diagnostic state.

Related Apter Power pages

HIMA H7506 — View product page

CONTACT APTER POWER

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

F6215