

APTER POWER PRODUCT GUIDE

MAI32MAD

32-Channel Analog Input Module

Rockwell Automation ICS Triplex MAI32MAD is a thirty-two-channel Trusted analog input module for 0-10 VDC field signals. Its triple modular redundant architecture presents voted measurement data to the Trusted system.

Manufacturer	Rockwell Automation / ICS Triplex
Model	MAI32MAD
Product type	32-Channel Analog Input Module
Product family	ICS Triplex Trusted
Country	Sweden
HS code	8537101190
Shipping origin	Xiamen, Fujian, China

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Three interface paths, one controlled configuration.

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



SCAN FOR PRODUCT & QUOTE

1. Installation identity and system fit

- Trusted module carrier
- field termination assembly
- Trusted controller
- engineered 0-10 VDC transmitters

Controlled configuration

Complete model	MAI32MAD
Product type	32-Channel Analog Input Module
System family	ICS Triplex Trusted

2. Wiring, configuration and commissioning

- 1 Confirm the field range before landing any input.
- 2 Apply the carrier and termination wiring defined for the Trusted installation.
- 3 Check channel diagnostics before accepting the measurement.
- 4 Validate triplicated-channel behavior during commissioning.

Commissioning hold point

Important Notice: MAI32MAD must be installed only in the carrier, termination and Trusted configuration assigned to its 0-10 VDC TMR input function.

3. Application and functional verification

Safety-related process measurements

Acquires thirty-two voltage measurements

Turbine auxiliary analog monitoring

Uses triplicated input processing for fault tolerance

Burner management analog inputs

Performs monitored analog conversion

Critical package-unit instrumentation

Transfers validated channel data to the Trusted controller

Associated system components

- Trusted module carrier
- field termination assembly
- Trusted controller
- engineered 0-10 VDC transmitters

4. Maintenance and replacement record

How should MAI32MAD be wired?

Use the specified Trusted carrier and field termination assembly with each 0-10 VDC channel correctly referenced.

What commissioning test is appropriate for MAI32MAD?

Inject representative voltages, confirm scaling and observe channel diagnostics across the configured range.

Can MAI32MAD replace a current-input module?

No. Replacement requires the same voltage-input variant, channel mapping and termination design.

What maintenance data should be trended for MAI32MAD?

Trend diagnostic state, channel deviation, calibration result and any repeated fault indication.

Official source

Rockwell Automation Trusted Analogue Input Module technical manual ICSTT-RM419
https://literature.rockwellautomation.com/idc/groups/literature/documents/rm/icstt-rm419_-en-p.pdf

ASK FOR QUOTE

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