

Product dashboard

Schneider Electric 140AMM09000 is a Modicon Quantum mixed analog module with four input channels and two isolated current-output channels. It supports multiple voltage and current input ranges while its outputs operate in the 4–20 mA range.

Exact model

140AMM09000

Product type

Mixed Analog I/O Module

System family

Modicon Quantum

Functional role

Analog I/O Module

PARAMETER	DOCUMENTED VALUE
Exact model	140AMM09000
Module family	Modicon Quantum
Analog inputs	4 channels
Analog outputs	2 isolated channels
Input ranges	Voltage and current; includes 1–5 V and 4–20 mA
Output range	4–20 mA
Maximum input resolution	16 bit
Output resolution	12 bit

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

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140AMM09000

System overview

140AMM09000 combines analog acquisition and isolated current output in one Quantum rack position, allowing a documented process loop set to retain its channel map and scaling basis.

- Combined process loops**

Acquires field measurements and drives two isolated current outputs from one rack position.
- 4–20 mA instrumentation**

Supports documented current-loop input and output assignments.
- Voltage signal integration**

Accepts configured voltage ranges for matched analog sources.
- Quantum rack modernization**

Retains the channel map and controller data-word allocation during controlled renewal.

SYSTEM POSITION		RECORD
Installed identity		140AMM09000

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Technical data map

PARAMETER	VERIFIED VALUE
Exact model	140AMM09000
Module family	Modicon Quantum
Analog inputs	4 channels
Analog outputs	2 isolated channels
Input ranges	Voltage and current; includes 1–5 V and 4–20 mA
Output range	4–20 mA
Maximum input resolution	16 bit
Output resolution	12 bit
I/O words	5 input / 2 output
Bus current	350 mA
Online configuration change	Supported

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	mixed analog input acquisition and isolated current output

Technical evidence record: Modicon Quantum Automation Platform Catalogue, pages 78 and 81

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Applications and precautions

1

Confirm 140AMM09000 and the recorded Quantum rack slot before work.

2

Place every affected analog loop in its approved maintenance state.

3

Record the four input and two output channel assignments, ranges and scaling.

4

Verify field wiring polarity and external loop supplies before disconnection.

5

Keep the two output channels isolated as documented and preserve cable shielding.

6

Restore the five input-word and two output-word mapping in the controller project.

7

Review channel diagnostics and raw values before enabling process action.

8

Test each input and output independently before releasing 140AMM09000.

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

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140AMM09000

Buyer and engineering FAQ

What is Schneider Electric 140AMM09000?

It is a Modicon Quantum mixed analog input/output module.

How many channels does 140AMM09000 provide?

It provides four analog inputs and two isolated analog outputs.

Which output range does 140AMM09000 use?

The two analog outputs use the 4–20 mA range.

Which input signal types can 140AMM09000 accept?

Its documented selections include voltage and current ranges such as 1–5 V and 4–20 mA.

Related Apter Power pages

[Schneider Electric 140CRP93200 — View product page](#)

[Schneider Electric 140XCA71706 — View product page](#)

[Schneider Electric 140CPU43412A — View product page](#)

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