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01 Readiness and operating boundary

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.

Confirm exact identity

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

Exact model	140AMM09000
Module family	Modicon Quantum
Analog inputs	4 channels

Establish the safe work boundary

Place every affected analog loop in its approved maintenance state.

Identity	140AMM09000
Host	Modicon Quantum
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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140AMM09000

2 02 Configuration and interface setup

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.

Record the as-found configuration

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

Module family	Modicon Quantum
Analog inputs	4 channels
Analog outputs	2 isolated channels

Map connections and settings

Verify field wiring polarity and external loop supplies before disconnection.

Identity	140AMM09000
Host	Modicon Quantum
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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03 Installation and service sequence

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.

Restore the documented assembly

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

Analog inputs	4 channels
Analog outputs	2 isolated channels
Input ranges	Voltage and current; includes 1–5 V and 4–20 mA

Protect every interface

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

Identity	140AMM09000
Host	Modicon Quantum
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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140AMM09000

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04 Verification and fault isolation

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.

Verify the installed function

Review channel diagnostics and raw values before enabling process action.

Analog outputs	2 isolated channels
Input ranges	Voltage and current; includes 1–5 V and 4–20 mA
Output range	4–20 mA

Isolate unexpected response

Test each input and output independently before releasing 140AMM09000.

Identity	140AMM09000
Host	Modicon Quantum
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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140AMM09000

5 05 Acceptance and service handover

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.

Complete the release record

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

Exact model	140AMM09000
Module family	Modicon Quantum
Analog inputs	4 channels

Retain acceptance evidence

Place every affected analog loop in its approved maintenance state.

Identity	140AMM09000
Host	Modicon Quantum
Acceptance	Diagnostics and functional response

[Schneider Electric 140CRA21220 — View product page](#)

[Schneider Electric 140DDI35310 — View product page](#)

[Schneider Electric 140DDO35301 — View product page](#)

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