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01 Readiness and operating boundary

Schneider Electric 140ACO13000 is an eight-channel Modicon Quantum current-output module. It supports 0–25 mA, 0–20 mA and 4–20 mA ranges and uses eight controller output words for the channel commands.

Confirm exact identity

Confirm 140ACO13000 and the assigned Quantum rack slot before work.

Exact model	140ACO13000
Module family	Modicon Quantum
Output channels	8

Establish the safe work boundary

Place all eight output loops in their approved safe maintenance state.

Identity	140ACO13000
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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140ACO13000

2 02 Configuration and interface setup

140ACO13000 delivers eight configured current commands from a Quantum rack to field loops whose range, scaling, external supply and fallback behavior are retained in the controller record.

Record the as-found configuration

Record each channel range, scaling, fallback and controller-word assignment.

Module family	Modicon Quantum
Output channels	8
Signal ranges	0–25 mA, 0–20 mA, 4–20 mA

Map connections and settings

Verify external supply voltage, polarity and common arrangement before disconnection.

Identity	140ACO13000
Host	Modicon Quantum
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
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03 Installation and service sequence

140ACO13000 delivers eight configured current commands from a Quantum rack to field loops whose range, scaling, external supply and fallback behavior are retained in the controller record.

Restore the documented assembly

Preserve shielding, terminal order and field-loop identification.

Output channels	8
Signal ranges	0–25 mA, 0–20 mA, 4–20 mA
Controller data	8 output words

Protect every interface

Restore the eight output-word mapping and documented configuration.

Identity	140ACO13000
Host	Modicon Quantum
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
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4 04 Verification and fault isolation

140ACO13000 delivers eight configured current commands from a Quantum rack to field loops whose range, scaling, external supply and fallback behavior are retained in the controller record.

Verify the installed function

Check channel diagnostics with field action inhibited after energization.

Signal ranges	0–25 mA, 0–20 mA, 4–20 mA
Controller data	8 output words
Bus current	550 mA

Isolate unexpected response

Prove each output at controlled values before releasing 140ACO13000.

Identity	140ACO13000
Host	Modicon Quantum
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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140ACO13000

5 05 Acceptance and service handover

140ACO13000 delivers eight configured current commands from a Quantum rack to field loops whose range, scaling, external supply and fallback behavior are retained in the controller record.

Complete the release record

Confirm 140ACO13000 and the assigned Quantum rack slot before work.

Exact model	140ACO13000
Module family	Modicon Quantum
Output channels	8

Retain acceptance evidence

Place all eight output loops in their approved safe maintenance state.

Identity	140ACO13000
Host	Modicon Quantum
Acceptance	Diagnostics and functional response

[Schneider Electric ATV71HD75N4 — View product page](#)

[Schneider Electric VCA07AAAA0AA00 C400 10 1 1 1 00 — View product page](#)

[Schneider Electric ATS480D62Y — View product page](#)

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