

Product dashboard

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.

Exact model

140ACO13000

Product type

Eight-Channel Analog Output Module

System family

Modicon Quantum

Functional role

Analog Output Module

PARAMETER	DOCUMENTED VALUE
Exact model	140ACO13000
Module family	Modicon Quantum
Output channels	8
Signal ranges	0–25 mA, 0–20 mA, 4–20 mA
Controller data	8 output words
Bus current	550 mA
Maximum power dissipation	5.0 W
External supply	6–30 V DC maximum

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

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140ACO13000

System overview

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.

- Current-loop control**

Drives eight configured analog current commands to field equipment.
- Valve and actuator commands**

Supports documented 4–20 mA final-control assignments.
- Setpoint distribution**

Provides multiple current ranges for matched receiving instruments.
- Quantum rack renewal**

Retains eight-word data mapping and loop scaling during module replacement.

SYSTEM POSITION		RECORD
Installed identity		140ACO13000

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140ACO13000

Technical data map

PARAMETER	VERIFIED VALUE
Exact model	140ACO13000
Module family	Modicon Quantum
Output channels	8
Signal ranges	0–25 mA, 0–20 mA, 4–20 mA
Controller data	8 output words
Bus current	550 mA
Maximum power dissipation	5.0 W
External supply	6–30 V DC maximum
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	eight-channel analog current-output control

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

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Applications and precautions

1

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

2

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

3

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

4

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

5

Preserve shielding, terminal order and field-loop identification.

6

Restore the eight output-word mapping and documented configuration.

7

Check channel diagnostics with field action inhibited after energization.

8

Prove each output at controlled values before releasing 140ACO13000.

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

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140ACO13000

Buyer and engineering FAQ

What is Schneider Electric 140ACO13000?

It is an eight-channel Modicon Quantum analog current-output module.

How many outputs does 140ACO13000 provide?

It provides eight analog current-output channels.

Which ranges does 140ACO13000 support?

Its documented ranges are 0–25 mA, 0–20 mA and 4–20 mA.

How many controller words does 140ACO13000 use?

It uses eight output words.

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[Schneider Electric 170ADI35000 — View product page](#)

[Schneider Electric AS P890 000 — View product page](#)

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