

Product dashboard

Schneider Electric 171CCC76010 is a Modicon Momentum M1 processor adapter with one Modbus port and one I/O bus connection. Its 32 MHz processor execution coordinates the local Momentum I/O base and the retained application configuration.

Exact model

171CCC76010

Product type

M1 Processor Adapter

System family

Modicon Momentum

Functional role

PLC Processor Adapter

PARAMETER	DOCUMENTED VALUE
Exact model	171CCC76010
Controller family	Modicon Momentum
Adapter class	M1 processor adapter
Processor speed	32 MHz
Modbus ports	1
I/O bus connections	1
I/O-bus data limit	256 input words / 256 output words
IEC used-I/O limit	1408 points

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

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171CCC76010

System overview

171CCC76010 combines controller execution, Modbus communication and local I/O-bus service in a Momentum assembly whose I/O base, project and communication parameters must stay synchronized.

- Momentum machine control**

Executes a retained application on the matched I/O base.
- Modbus device integration**

Uses the documented serial communication port and parameters.
- Local I/O expansion**

Coordinates the retained Momentum I/O-bus map.
- Legacy processor renewal**

Preserves application, addressing and base-adapter identity during controlled replacement.

SYSTEM POSITION		RECORD
Installed identity		171CCC76010

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Technical data map

PARAMETER	VERIFIED VALUE
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I/O bus connections	1
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IEC used-I/O limit	1408 points
Suggested replacement	171CBU78090

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	Momentum control execution, Modbus communication and I/O-bus coordination

Technical evidence record: Schneider Electric exact product page, Momentum catalogue and exact-model FAQs

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Applications and precautions

1

Confirm 171CCC76010, the Momentum I/O base and the complete application before work.

2

Place the controlled equipment and outputs in the approved maintenance state.

3

Back up the program, Modbus parameters and I/O-bus map.

4

Record adapter orientation, base identity, cables and switch settings before separation.

5

Keep the documented I/O-bus word and used-point limits within the retained project.

6

Restore the Modbus port settings and every connected-device address.

7

Review processor, communication and I/O diagnostics after controlled startup.

8

Complete the machine-specific functional test before releasing 171CCC76010.

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

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Buyer and engineering FAQ

What is Schneider Electric 171CCC76010?

It is a Modicon Momentum M1 processor adapter.

Which communication port does 171CCC76010 provide?

The exact product page identifies one Modbus port.

How many I/O-bus connections does 171CCC76010 provide?

It provides one I/O-bus connection.

What processor speed is listed for 171CCC76010?

The exact product page identifies a 32 MHz execution.

Related Apter Power pages

[Schneider Electric 140CPU43412U — View product page](#)

[Schneider Electric 140CPS22400 — View product page](#)

[Schneider Electric 140CPS11100 — View product page](#)

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