

Schneider Electric 170ADO35000

32-channel DC discrete output base

Schneider Electric 170ADO35000 is a Modicon Momentum DC discrete output base with thirty-two solid-state channels in two groups of sixteen.

Output count	32
Output technology	Solid state
Grouping	2 groups of 16
Channel current	0.5 A maximum
Protection	Electronic overload
Status indication	32 channel LEDs

EXACT MODEL

170ADO35000 is the controlled service identity. Do not shorten or normalize the suffix.

SYSTEM BOUNDARY

Verify adapter compatibility, two group commons and every field-load circuit before service release.

ACCEPTANCE RECORD

Record the installed position, wiring or network identity, configuration and final functional test.

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Status indication	32 channel LEDs
Platform	Modicon Momentum
Role	DC discrete output base

ENGINEERING CHECK

Compare every applicable field value with the installed nameplate, electrical drawings and controller configuration before release.

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MOMENTUM OUTPUT STATION
Drives thirty-two documented DC loads from a Momentum I/O node.

TWO-GROUP FIELD DISTRIBUTION
Separates the output circuits into two sixteen-channel groups.

CHANNEL DIAGNOSTICS
Uses individual LEDs to review commanded channel state.

EXACT BASE RENEWAL
Restores the same output-base identity under the installed adapter.

Identity	170ADO35000
Series	Modicon Momentum
Role	32-channel DC discrete output base
Release boundary	Verify adapter compatibility, two group commons and every field-load circuit before service release.

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What is 170ADO35000?

It is a thirty-two-channel Modicon Momentum solid-state DC output base.

How are the channels grouped?

The outputs are organized as two groups of sixteen.

What is the maximum channel current?

The manufacturer datasheet states 0.5 A maximum per channel.

How is overload handled?

Electronic overload protection is integrated, but field-circuit protection still follows the installation design.

What must be checked with the communication adapter?

Verify the exact adapter/base pairing, connector seating, addressing and controller configuration.

Do the LEDs prove the loads are energized?

No. LEDs indicate module state; commissioning must confirm the actual field response.

DECISION RULE

When the installed marking or project record conflicts with a catalog assumption, stop and verify the exact Schneider Electric documentation before service.

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01 / Confirm the complete 170ADO35000 marking, rack or drive position and controlled maintenance record.

02 / Place the connected machine and control system in the approved safe maintenance state.

03 / Isolate every documented power and field circuit, then prove the absence of hazardous energy.

04 / Record the output count and published value 32; do not replace it with a nearby family value.

05 / Preserve the output technology and published value Solid state, terminal labels, cable identities, shield and grounding arrangement.

06 / Protect connectors and electronics with grounded ESD controls and clean handling practices.

07 / Restore wiring and power only after a point-by-point inspection against the service record.

08 / Verify adapter compatibility, two group commons and every field-load circuit before service release.

RETURN-TO-SERVICE

Release only after the documented signal, network or motion response is proven and the final acceptance record is retained.

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SOURCE LEDGER

Schneider Electric 170ADO35000 Product Data Sheet

The exact manufacturer product data sheet is retained unchanged in Manuals 2.

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SELECTED APTER POWER CATALOG LINKS

Browsing references only. No compatibility, replacement or interchangeability claim is implied.

[View Schneider Electric 170ADI35000](#)

[View Schneider Electric 170AAI14000](#)

[View Schneider Electric ATV61HD75N4](#)

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