

Schneider Electric 140DDO36400

96-channel 24 V DC negative-logic discrete output module

Schneider Electric 140DDO36400 is a high-density Modicon Quantum 96-point 24 V DC sink output module organized as six groups of sixteen channels.

PRODUCT ROLE

96-channel 24 V DC negative-logic discrete output module. The complete order reference controls the identity used for service and procurement.

Output count	96
Signal	24 V DC
Logic	Negative / sink
Grouping	6 groups of 16
I/O mapping	6 output words
Supply range	19.2 to 30 V DC
Point current	0.5 A maximum

IDENTITY CONTROL

Keep the six group commons, sinking polarity and cumulative current calculation with the service record.

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Output count	96
Signal	24 V DC
Logic	Negative / sink
Grouping	6 groups of 16
I/O mapping	6 output words
Supply range	19.2 to 30 V DC
Point current	0.5 A maximum
Group current	3.2 A maximum
Module current	19.2 A maximum
Surge	2 A
Response	0.1 ms maximum
Protection	Short-circuit and overload

VALUE DISCIPLINE

Each value on this page comes from the exact Schneider Electric product datasheet. It is not borrowed from another family member.

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DENSE DC OUTPUT BANKS

Controls up to ninety-six documented 24 V DC sink loads.

SIX-GROUP DISTRIBUTION

Separates channels into six sixteen-point current domains.

PROTECTED SWITCHING

Uses the module short-circuit and overload protection within stated limits.

EXACT HIGH-DENSITY RENEWAL

Preserves the six-word output map and negative-logic identity.

INTEGRATION LIMIT

These are documented engineering uses, not proof that the product can substitute for a different model or configuration.

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How many outputs are available on 140DDO36400?

The module provides ninety-six solid-state 24 V DC outputs.

What logic orientation applies?

It is a negative-logic sinking output module; field polarity cannot be reversed by assumption.

How is current limited?

Observe 0.5 A per point, 3.2 A per group and 19.2 A total, plus the published surge condition.

How many controller words are used?

The 96 channels occupy six output words.

What does built-in protection not replace?

It does not replace the documented external field-circuit protection and conductor sizing.

What should commissioning include?

Test each permitted output group, review diagnostics and verify no overload or short-circuit indication remains.

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 / CONTROL POINT

Confirm the complete 140DDO36400 marking, rack or drive position and controlled maintenance record.

02 / CONTROL POINT

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

03 / CONTROL POINT

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

04 / CONTROL POINT

Record the output count and published value 96; do not replace it with a nearby family value.

05 / CONTROL POINT

Preserve the signal and published value 24 V DC, terminal labels, cable identities, shield and grounding arrangement.

06 / CONTROL POINT

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

07 / CONTROL POINT

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

08 / CONTROL POINT

Keep the six group commons, sinking polarity and cumulative current calculation with the service record.

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SOURCE LEDGER

Schneider Electric 140DDO36400 Product Data Sheet

Exact-model manufacturer document supplied unchanged as Manuals 2.

Evidence scope	Exact order reference and published technical characteristics
Manuals 2	140DDO36400-datasheet.pdf
Authored files	Technical Reference plus Complete Product Information

SELECTED APTER POWER CATALOG LINKS

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

[View Schneider Electric 140DDO35300](#)

[View Schneider Electric 140DDI35300](#)

[View Schneider Electric 140NRP95400](#)

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