

Schneider Electric 140DDO35300

Discrete Output Module / Exact identity and technical profile

The output profile fixes channel count, positive-source topology, voltage window and all three current limits.

Output count	32
Output technology	Solid state
Logic / polarity	Positive logic / source
Nominal voltage	24 V DC
Voltage range	19.2 to 30 V DC
Channel grouping	4 groups of 8

TECHNICAL MARKER

32 solid-state outputs

TECHNICAL MARKER

24 V DC positive logic

TECHNICAL MARKER

Four groups of eight

TECHNICAL MARKER

Two output-word addressing

Technical boundary

The exact model and its published data govern this reference. Similar family names, suffixes or physical appearance do not establish the same electrical or software behavior.

Identity evidence	Read 140DDO35300 from the installed label and procurement record
Function evidence	Confirm the published discrete output module role in the Modicon Quantum system
Configuration evidence	Retain the project, mapping, range, address or interface assigned to this position
Release evidence	Link final diagnostics to a witnessed field or operator response

TECHNICAL DECISION

Accept 140DDO35300 only when its identifier and installed-system role agree.

CHANGE BOUNDARY

Any redesign beyond the documented 140DDO35300 position requires separate engineering approval.

Schneider Electric 140DDO35300

Discrete Output Module / Published characteristics

This matrix groups the published 140DDO35300 characteristics that control identification, configuration and engineering review. Each entry remains tied to the exact discrete output module record.

Output count	32
Output technology	Solid state
Logic / polarity	Positive logic / source
Nominal voltage	24 V DC
Voltage range	19.2 to 30 V DC
Channel grouping	4 groups of 8
Current rating	0.5 A/channel; 4 A/group; 16 A/module
Addressing	2 output words

INTERPRETATION

Use every 140DDO35300 value with the exact installed configuration.

DESIGN RECORD

Retain the drawing, project and channel or interface assignments that make 140DDO35300 data actionable.

Nameplate check	Manufacturer and full reference agree with the controlled record
Range check	Published operating or signal data agree with the configured use
Interface check	Backplane, terminal, cable, network or memory arrangement is documented
Limit check	Loading, channel count, supply or lifecycle constraint is reviewed
Evidence close	Source title and applicable product record are retained with the decision

NO BORROWED VALUES

Another Schneider Electric suffix cannot fill a missing 140DDO35300 parameter.

ENGINEERING OUTPUT

Record the exact value used, its purpose and any unresolved item before selection.

Schneider Electric 140DDO35300

Discrete Output Module / System role and data flow

Solenoid and relay commands

Switches documented 24 V DC field loads within channel and group limits.

Machine interlocking

Drives discrete actuators from the Quantum control program.

Status indication circuits

Controls configured lamps or interface relays using positive logic.

Output module replacement

Restores group supply, terminal wiring and output-word mapping for the exact module.

Signal and configuration path

Field layer	Sensors, loads, terminal or operator interface assigned by the design
Module layer	140DDO35300 performs its published discrete output module role
Control layer	PLC project, address map or runtime application interprets the exchanged data
Acceptance layer	Diagnostics and intended process response are witnessed together

Engineering boundary

Application examples describe system roles only. They do not establish automatic interchangeability, replacement approval or suffix equivalence.

Observed input	Field, network or operator condition presented to 140DDO35300
Published action	The documented discrete output module function processes that condition
Configured interpretation	PLC logic, HMI project or station mapping assigns system meaning
Expected output	A defined state, value, message or command is produced
Acceptance proof	The complete path is witnessed under controlled conditions

APPLICATION RECORD

Tie each 140DDO35300 use case to the installed drawing or project tag.

EXCEPTION CONTROL

Document and resolve any behavior that differs from the approved response.

Schneider Electric 140DDO35300

Discrete Output Module / Engineering decisions

SUPPORTED IDENTITY

140DDO35300

PUBLISHED FUNCTION

Discrete Output Module

SYSTEM CONTEXT

Modicon Quantum

UNSUPPORTED INFERENCE

A nearby model, suffix or family resemblance

Model-specific questions

How many outputs does Schneider Electric 140DDO35300 provide?

It provides 32 solid-state outputs arranged in four groups of eight.

What is the Schneider Electric 140DDO35300 channel current rating?

The manufacturer catalogue specifies 0.5 A per channel, subject to the group and module limits.

How many output words does Schneider Electric 140DDO35300 require?

The module uses two output words in the Quantum address map.

How should inductive loads be handled with Schneider Electric 140DDO35300?

Keep the documented suppression and protective arrangement for each connected inductive device.

What output polarity does Schneider Electric 140DDO35300 use?

It is a positive-logic source output module for 24 V DC circuits.

What group limit applies to Schneider Electric 140DDO35300?

Each group of eight is limited to 4 A, and the complete module is limited to 16 A.

What must be recorded before disconnecting Schneider Electric 140DDO35300?

Retain channel labels, output addresses, group supplies, commons, fuse assignments and load-suppression details.

How is Schneider Electric 140DDO35300 accepted?

Command and observe every output in a safe sequence while checking field voltage, diagnostics and total loading.

Decision closeout

Close the 140DDO35300 technical review with the exact identifier, applicable published limits and the installed configuration assumptions explicitly recorded.

Question coverage	Identity, function, configuration and field handling addressed
Open item	Any unanswered exact-model point is listed without guessed data
Decision owner	Responsible engineering or maintenance role identified
Supporting record	Drawing, project revision, readings and witnessed result attached

APPROVAL

The 140DDO35300 decision is accepted only within the documented scope.

REVIEW TRIGGER

A different suffix, wiring arrangement, project or application requires a new review.

Schneider Electric 140DDO35300

Discrete Output Module / Evidence and support

Exact product	Schneider Electric 140DDO35300
Technical class	Discrete Output Module
Platform	Modicon Quantum
Evidence use	Exact-model characteristics and engineering boundary
Record with	Installed drawing, project and acceptance evidence
Retained evidence	Nameplate, source title, configuration baseline and field record
Installation evidence	Isolation, conductor/connector record and post-work inspection
Commissioning evidence	Diagnostics, measurements and intended response
Final record	Responsible witness, date, exceptions and approved disposition

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Schneider Electric 140ACO02000

[View Schneider Electric 140ACO02000 page](#)

Schneider Electric 140ARI03010C

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MANUFACTURER EVIDENCE RECORD

Schneider Electric Modicon Quantum Automation Platform Catalogue

140DDO35300 exact module data

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Send the exact model, quantity, destination and requested condition for a quotation.

