Schneider Electric 140DDO35300C

Discrete Output Module / Exact identity and technical profile

The technical decision for 140DDO35300C is controlled by its exact manufacturer identity, published characteristics and documented Modicon Quantum boundary.

Discrete outputs	32
Channel groups	4 groups of 8
Output logic	Positive logic; source
Nominal voltage	24 V DC
Voltage limits	19.2 to 30 V DC
Addressing	2 output words

TECHNICAL MARKER

Preserve all four group supplies and commons.

TECHNICAL MARKER

Respect point, group and module current limits.

TECHNICAL MARKER

Record the two output-word mappings.

TECHNICAL MARKER

Keep the coated C suffix in the exact reference.

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 140DDO35300C 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 140DDO35300C only when its identifier and installed-system role agree.

CHANGE BOUNDARY

Any redesign beyond the documented 140DDO35300C position requires separate engineering approval.

Schneider Electric 140DDO35300C

Discrete Output Module / Published characteristics

This matrix groups the published 140DDO35300C characteristics that control identification, configuration and engineering review. Each entry remains tied to the exact discrete output module record.

Discrete outputs	32
Channel groups	4 groups of 8
Output logic	Positive logic; source
Nominal voltage	24 V DC
Voltage limits	19.2 to 30 V DC
Addressing	2 output words
Maximum load	0.5 A per point; 4 A per group; 16 A per module
Response time	1 ms or less
Group protection	Internal 5 A fuse per group
Fault indication	Loss of field power and blown fuse
Bus current	330 mA
Environmental execution	Conformal coated C suffix

INTERPRETATION

Use every 140DDO35300C value with the exact installed configuration.

DESIGN RECORD

Retain the drawing, project and channel or interface assignments that make 140DDO35300C 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 140DDO35300C parameter.

ENGINEERING OUTPUT

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

Schneider Electric 140DDO35300C

Discrete Output Module / System role and data flow

Grouped 24 V DC outputs

Controls 32 documented source-load circuits.

Relay and solenoid command

Operates loads within point and group limits.

Two-word PLC mapping

Transfers 32 commands from the Quantum application.

Coated output renewal

Restores exact group wiring and environmental execution.

Signal and configuration path

Field layer	Sensors, loads, terminal or operator interface assigned by the design
Module layer	140DDO35300C 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 140DDO35300C
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 140DDO35300C use case to the installed drawing or project tag.

EXCEPTION CONTROL

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

Schneider Electric 140DDO35300C

Discrete Output Module / Engineering decisions

SUPPORTED IDENTITY

140DDO35300C

PUBLISHED FUNCTION

Discrete Output Module

SYSTEM CONTEXT

Modicon Quantum

UNSUPPORTED INFERENCE

A nearby model, suffix or family resemblance

Model-specific questions

How many discrete outputs are documented for Schneider Electric 140DDO35300C?

Use 32 as the 140DDO35300C discrete outputs reference and resolve any field discrepancy before release.

How does Schneider Electric define the output logic of 140DDO35300C?

Schneider Electric identifies the output logic as Positive logic; source; keep that exact entry in the 140DDO35300C record.

Which voltage limits applies to Schneider Electric 140DDO35300C?

For 140DDO35300C, the manufacturer states 19.2 to 30 V DC. Do not replace it with a nearby suffix value.

How does Schneider Electric define the maximum load of 140DDO35300C?

The exact-model source gives 0.5 A per point; 4 A per group; 16 A per module. Use it together with the actual 140DDO35300C nameplate and installation record.

Which channel groups must be retained for Schneider Electric 140DDO35300C?

The manufacturer record for 140DDO35300C specifies 4 groups of 8. Preserve it through selection, installation and acceptance.

What nominal voltage rating is specified for Schneider Electric 140DDO35300C?

The published 140DDO35300C value is 24 V DC. The installed configuration must remain within that boundary.

Which addressing must be retained for Schneider Electric 140DDO35300C?

Record 2 output words for 140DDO35300C and verify the field arrangement against the controlled drawing or project.

Which response time applies to Schneider Electric 140DDO35300C?

140DDO35300C is documented with 1 ms or less; this value belongs to the verified product configuration.

Decision closeout

Close the 140DDO35300C 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 140DDO35300C decision is accepted only within the documented scope.

REVIEW TRIGGER

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

Schneider Electric 140DDO35300C

Discrete Output Module / Evidence and support

Exact product	Schneider Electric 140DDO35300C
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 140DDO84300	View Schneider Electric 140DDO84300 page
Schneider Electric 990XCP98000	View Schneider Electric 990XCP98000 page

MANUFACTURER EVIDENCE RECORD

Schneider Electric 140DDO35300C Product Data Sheet

Exact coated Quantum discrete-output characteristics

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