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01 Readiness and operating boundary

Schneider Electric 140DAI75300 is a 32-channel Modicon Quantum discrete input module for 230 VAC signals at 47–63 Hz. Its inputs are arranged as four groups of eight and are reported through two controller input words.

Confirm exact identity

Confirm 140DAI75300 and the exact Quantum rack slot before work.

Exact model	140DAI75300
Module family	Modicon Quantum
Input channels	32

Establish the safe work boundary

Place all monitored circuits and dependent logic in the approved maintenance state.

Identity	140DAI75300
Host	Modicon Quantum
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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140DAI75300

2 02 Configuration and interface setup

140DAI75300 collects thirty-two AC field states in a Quantum rack while preserving the four-group terminal arrangement, input-word mapping and field-voltage boundary.

Record the as-found configuration

Record all thirty-two terminal assignments and the four groups of eight.

Module family	Modicon Quantum
Input channels	32
Input voltage	230 VAC

Map connections and settings

Prove the 230 VAC field supply de-energized before touching terminals.

Identity	140DAI75300
Host	Modicon Quantum
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
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03 Installation and service sequence

140DAI75300 collects thirty-two AC field states in a Quantum rack while preserving the four-group terminal arrangement, input-word mapping and field-voltage boundary.

Restore the documented assembly

Maintain group commons, conductor identification and protective segregation.

Input channels	32
Input voltage	230 VAC
Frequency	47–63 Hz

Protect every interface

Restore the two input-word mapping and documented logic references.

Identity	140DAI75300
Host	Modicon Quantum
Acceptance	Diagnostics and functional response

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04 Verification and fault isolation

140DAI75300 collects thirty-two AC field states in a Quantum rack while preserving the four-group terminal arrangement, input-word mapping and field-voltage boundary.

Verify the installed function

Review channel LEDs and diagnostics before enabling dependent sequences.

Input voltage	230 VAC
Frequency	47–63 Hz
Channel grouping	4 groups of 8

Isolate unexpected response

Test every input state and interlock before releasing 140DAI75300.

Identity	140DAI75300
Host	Modicon Quantum
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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140DAI75300

5 05 Acceptance and service handover

140DAI75300 collects thirty-two AC field states in a Quantum rack while preserving the four-group terminal arrangement, input-word mapping and field-voltage boundary.

Complete the release record

Confirm 140DAI75300 and the exact Quantum rack slot before work.

Exact model	140DAI75300
Module family	Modicon Quantum
Input channels	32

Retain acceptance evidence

Place all monitored circuits and dependent logic in the approved maintenance state.

Identity	140DAI75300
Host	Modicon Quantum
Acceptance	Diagnostics and functional response

[Schneider Electric ME4U07AAA — View product page](#)

[Schneider Electric 490NRP25400 — View product page](#)

[Schneider Electric 140AI33010 — View product page](#)

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