

Product dashboard

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.

Exact model

140DAI75300

Product type

32-Channel 230 VAC
Discrete Input Module

System family

Modicon Quantum

Functional role

Discrete Input Module

PARAMETER	DOCUMENTED VALUE
Exact model	140DAI75300
Module family	Modicon Quantum
Input channels	32
Input voltage	230 VAC
Frequency	47–63 Hz
Channel grouping	4 groups of 8
Controller data	2 input words
Bus current	250 mA

Release basis: verify the exact identity, retained host relationship, connected interfaces and controlled functional result.

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140DAI75300

System overview

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.

- AC status monitoring**

Collects thirty-two 230 VAC field states for the controller.
- Motor-control feedback**

Receives documented contactor, starter and interlock status signals.
- Grouped field wiring**

Maintains four isolated channel groups of eight inputs.
- Quantum I/O renewal**

Retains terminal order and two-word controller mapping during replacement.

SYSTEM POSITION		RECORD
Installed identity		140DAI75300

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Technical data map

PARAMETER	VERIFIED VALUE
Exact model	140DAI75300
Module family	Modicon Quantum
Input channels	32
Input voltage	230 VAC
Frequency	47–63 Hz
Channel grouping	4 groups of 8
Controller data	2 input words
Bus current	250 mA
Maximum power dissipation	5 W
Online configuration change	Supported

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Interfaces	Power, wiring, communication and protection
Configuration	Settings, project and revision
Release	32-point AC discrete-input acquisition

Technical evidence record: Modicon Quantum Automation Platform Catalogue, pages 69 and 75

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Applications and precautions

1

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

2

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

3

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

4

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

5

Maintain group commons, conductor identification and protective segregation.

6

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

7

Review channel LEDs and diagnostics before enabling dependent sequences.

8

Test every input state and interlock before releasing 140DAI75300.

Complete each check against the installed record; hold release when any identity, connection, configuration or diagnostic result differs.

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Buyer and engineering FAQ

What is Schneider Electric 140DAI75300?

It is a 32-channel Modicon Quantum AC discrete input module.

Which input voltage does 140DAI75300 use?

The documented input voltage is 230 VAC.

Which frequency range applies to 140DAI75300?

The catalog lists 47–63 Hz.

How are 140DAI75300 inputs grouped?

The thirty-two inputs are arranged as four groups of eight.

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[Schneider Electric AS S908 110 — View product page](#)

[Schneider Electric AM SA85 000 — View product page](#)

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