

Product dashboard

Siemens 6ES5434-4UA11 is a SIMATIC S5 434 isolated digital input module with 32 inputs for 5–15 V DC TTL/CMOS or 12–24 V DC NAMUR signal service.

Exact model

6ES5434-4UA11

Product type

32-Channel
Multi-Standard Digital

System family

SIMATIC S5

Functional role

Digital Input Module

PARAMETER	DOCUMENTED VALUE
Exact article	6ES5434-4UA11
Module type	Digital input
Input count	32
TTL/CMOS supply	5 to 15 V DC
NAMUR supply	12 to 24 V DC
Isolation	Isolated, one group of 32 inputs
Maximum input frequency	100 Hz
Typical input delay	3 ms; documented range 1.4 to 5 ms

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

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6ES5434-4UA11

System overview

Siemens 6ES5434-4UA11 provides 32 isolated digital inputs in one group and accepts documented TTL, CMOS or NAMUR signal levels.

- TTL input acquisition**

Collects documented low-voltage TTL field or logic states.
- CMOS input acquisition**

Uses the retained supply-dependent CMOS thresholds.
- NAMUR signal service**

Connects documented 12–24 V DC NAMUR circuits.
- Long-run input maintenance**

Preserves the correct signal standard and cable-length boundary.

SYSTEM POSITION	RECORD
Installed identity	6ES5434-4UA11
Host relationship	SIMATIC S5
Controlled function	It is a 32-channel isolated SIMATIC S5 434 digital input module for TTL, CMOS or NAMUR signal circuits.

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Technical data map

PARAMETER	VERIFIED VALUE
Exact article	6ES5434-4UA11
Module type	Digital input
Input count	32
TTL/CMOS supply	5 to 15 V DC
NAMUR supply	12 to 24 V DC
Isolation	Isolated, one group of 32 inputs
Maximum input frequency	100 Hz
Typical input delay	3 ms; documented range 1.4 to 5 ms
TTL/CMOS cable length	Up to 200 m unshielded
NAMUR cable length	Up to 600 m unshielded

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	It is a 32-channel isolated SIMATIC S5 434 digital input module for TTL, CMOS or NAMUR signal circuits.

Technical evidence record: Siemens U-Series Peripheral Modules manual, exact 6ES5434-4UA11 technical-data page

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Applications and precautions

1

Confirm the complete Siemens 6ES5434-4UA11 marking before work.

2

Place all 32 dependent signals in the approved maintenance state.

3

Record whether the installed circuit uses TTL, CMOS or NAMUR levels.

4

Document supply voltage, terminal map, group reference and cable length.

5

Do not borrow threshold or wiring rules from a different signal standard.

6

Restore the single isolated group of 32 inputs exactly as recorded.

7

Review module and controller diagnostics after energization.

8

Functionally verify all 32 field states before service release.

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

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6ES5434-4UA11

Buyer and engineering FAQ

What role does Siemens 6ES5434-4UA11 perform?

It is a 32-channel isolated SIMATIC S5 434 digital input module for TTL, CMOS or NAMUR signal circuits.

How many inputs does Siemens 6ES5434-4UA11 provide?

It provides 32 digital inputs in one isolated group.

Which TTL or CMOS supply range applies to Siemens 6ES5434-4UA11?

The exact module data lists 5 to 15 V DC.

Which NAMUR supply range applies to Siemens 6ES5434-4UA11?

The exact module data lists 12 to 24 V DC.

Related Apter Power pages

[Siemens 6DS1606-8BA](#)

[Siemens 6DS1618-8CA](#)

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