

6ES7134-4JB51-0AB0

ET 200S 2/4AI RTD Standard Module

Siemens 6ES7134-4JB51-0AB0 is the et 200s 2/4ai rtd standard module for SIMATIC ET 200S. It provides resistance-temperature and resistance measurement in an ET 200S station in the

PRODUCT SNAPSHOT

BRAND
Siemens

FAMILY
SIMATIC ET 200S

PART
6ES7134-4JB51-0AB0

DOCUMENT STATUS
Controlled engineering copy

APTER POWER

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+86 180 3023 5313

WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

Siemens 6ES7134-4JB51-0AB0 provides resistance-temperature and resistance measurement in an ET 200S station in a documented SIMATIC ET 200S installation.

Product designation: 2/4AI RTD Standard

Analog input channels: 2 or 4

Module width: 15 mm

Resolution: 15 bit plus sign

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1

Siemens 6ES7231-4HA30-0XB0

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Siemens 6ES7235-0KD22-0XA0

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Siemens 6ES7334-0CE01-0AA0

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Siemens 6ES7288-3AE04-0AA0

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Siemens 6ES7288-3AQ04-0AA0

6

Siemens 6ES7288-3AQ02-0AA0

7

Siemens 6ES7532-5HF00-0AB0

8

Siemens 6ES7332-8TF01-0AB0

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
ET 200S 2/4AI RTD Standard Module	SIMATIC ET 200S
Documented power, signal and communication interfaces	Approved engineering configuration and acceptance record

ENGINEERING CONTEXT

The component remains matched to its documented cabinet position, power source, interfaces and approved engineering configuration. Commissioning restores that architecture and verifies the affected control or communication function under controlled conditions.

TECHNICAL DATA

PARAMETER	VALUE
Product designation	2/4AI RTD Standard
Analog input channels	2 or 4
Module width	15 mm
Resolution	15 bit plus sign
Supported sensor	Pt100 standard / climatic

PARAMETER	VALUE
Supported sensor	Ni100 standard / climatic
Resistance ranges	150 / 300 / 600 ohm
Conversion time	110 ms per channel
Status indication	SF LED for group fault
Host system	SIMATIC ET 200S

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8 Siemens 6ES7332-8TF01-0AB0

TECHNICAL NOTE

Use 6ES7134-4JB51-0AB0 only in the documented SIMATIC ET 200S position. Preserve the exact connectors, power, signal or network configuration and verify resistance-temperature and resistance measurement in an ET 200S station during controlled commissioning.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

SIMATIC ET 200S installation

Uses 6ES7134-4JB51-0AB0 for resistance-temperature and resistance measurement

Controlled replacement

Restores the exact 6ES7134-4JB51-0AB0 identity, interfaces and configuration before energization.

Commissioning verification

Checks 6ES7134-4JB51-0AB0 diagnostics and the affected function under controlled conditions.

Lifecycle maintenance

Preserves the approved SIMATIC ET 200S wiring, network and engineering record during service work.

PRODUCT PRECAUTIONS

1

Confirm the complete 6ES7134-4JB51-0AB0 marking and the documented ET 200S 2/4AI RTD Standard

2

Place the machine, controller and affected process in the approved maintenance state.

3

Isolate all hazardous energy and prove the safe state before disconnecting hardware.

4

Record the installed position, every terminal or port, and the active engineering configuration.

5

Verify the exact electrical, interface and environmental limits in the manufacturer evidence.

6

Restore protective earth, shielding, wiring, communications and the approved project or

7

Energize under control and review all device, rack, network and process diagnostics.

8

Complete a controlled functional test of resistance-temperature and resistance measurement in

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ENGINEER FAQ

Q1 What measurement role does 6ES7134-4JB51-0AB0 perform in ET 200S?

For 6ES7134-4JB51-0AB0, the official Siemens evidence records product designation as 2/4AI RTD Standard. Apply that value only within the documented SIMATIC ET 200S configuration and confirm

Q2 How are its two-channel and four-channel RTD modes represented?

For 6ES7134-4JB51-0AB0, the official Siemens evidence records analog input channels as 2 or 4. Apply that value only within the documented SIMATIC ET 200S configuration and confirm the affected

Q3 What station width is required for this RTD module?

For 6ES7134-4JB51-0AB0, the official Siemens evidence records module width as 15 mm. Apply that value only within the documented SIMATIC ET 200S configuration and confirm the affected

Q4 Which resolution is available for resistance-temperature conversion?

For 6ES7134-4JB51-0AB0, the official Siemens evidence records resolution as 15 bit plus sign. Apply that value only within the documented SIMATIC ET 200S configuration and confirm the affected

Q5 Which Pt100 sensor variants are supported?

For 6ES7134-4JB51-0AB0, the official Siemens evidence records supported sensor as Pt100 standard / climatic. Apply that value only within the documented SIMATIC ET 200S configuration and confirm

Q6 Which Ni100 sensor variants can be configured?

For 6ES7134-4JB51-0AB0, the official Siemens evidence records supported sensor as Ni100 standard / climatic. Apply that value only within the documented SIMATIC ET 200S configuration and confirm

Q7 What resistance ranges are available for direct resistance measurement?

For 6ES7134-4JB51-0AB0, the official Siemens evidence records resistance ranges as 150 / 300 / 600 ohm. Apply that value only within the documented SIMATIC ET 200S configuration and confirm the

Q8 How long is the documented conversion cycle per channel?

For 6ES7134-4JB51-0AB0, the official Siemens evidence records conversion time as 110 ms per channel. Apply that value only within the documented SIMATIC ET 200S configuration and confirm the

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SOURCE Siemens exact-article data sheet for 6ES7134-4JB51-0AB0 | Official manufacturer evidence verified 28 September 2026

+86 180 3023 5313 | sales13@apterpower.com | www.apterpower.com