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01 Readiness and operating boundary

Siemens 6ES7134-4NB51-0AB0 is a 15 mm ET 200S two-channel RTD and resistance input module with 15-bit-plus-sign resolution and internal line-resistance compensation.

Confirm exact identity

Confirm the complete Siemens 6ES7134-4NB51-0AB0 marking before work.

Exact article	6ES7134-4NB51-0AB0
Product family	SIMATIC ET 200S
Module type	2AI RTD High Feature analog electronic module

Establish the safe work boundary

Place both affected measurement loops in the approved maintenance state.

Identity	6ES7134-4NB51-0AB0
Host	SIMATIC ET 200S
Acceptance	Diagnostics and functional response

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

CONTACT APTER POWER

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6ES7134-4NB51-0AB0

02 Configuration and interface setup

Siemens 6ES7134-4NB51-0AB0 acquires two resistance-thermometer or resistance signals in an ET 200S station and digitizes the configured measurements for the backplane bus.

Record the as-found configuration

Record the terminal module and all two-, three- or four-wire connections.

Product family	SIMATIC ET 200S
Module type	2AI RTD High Feature analog electronic module
Input channels	2

Map connections and settings

Capture both channel ranges, measurement types, smoothing and diagnostic settings.

Identity	6ES7134-4NB51-0AB0
Host	SIMATIC ET 200S
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3 03 Installation and service sequence

Siemens 6ES7134-4NB51-0AB0 acquires two resistance-thermometer or resistance signals in an ET 200S station and digitizes the configured measurements for the backplane bus.

Restore the documented assembly

Verify the 24 V DC load supply and protective grounding before installation.

Module type	2AI RTD High Feature analog electronic module
Input channels	2
Supported wiring	2-wire / 3-wire / 4-wire

Protect every interface

Restore shields and terminal assignments without interchanging channel conductors.

Identity	6ES7134-4NB51-0AB0
Host	SIMATIC ET 200S
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04 Verification and fault isolation

Siemens 6ES7134-4NB51-0AB0 acquires two resistance-thermometer or resistance signals in an ET 200S station and digitizes the configured measurements for the backplane bus.

Verify the installed function

Review the SF indicator and readable diagnostics after controlled energization.

Input channels	2
Supported wiring	2-wire / 3-wire / 4-wire
Maximum resolution	15 bits + sign

Isolate unexpected response

Compare both measured values with the retained process references before release.

Identity	6ES7134-4NB51-0AB0
Host	SIMATIC ET 200S
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
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05 Acceptance and service handover

Siemens 6ES7134-4NB51-0AB0 acquires two resistance-thermometer or resistance signals in an ET 200S station and digitizes the configured measurements for the backplane bus.

Complete the release record

Confirm the complete Siemens 6ES7134-4NB51-0AB0 marking before work.

Exact article	6ES7134-4NB51-0AB0
Product family	SIMATIC ET 200S
Module type	2AI RTD High Feature analog electronic module

Retain acceptance evidence

Place both affected measurement loops in the approved maintenance state.

Identity	6ES7134-4NB51-0AB0
Host	SIMATIC ET 200S
Acceptance	Diagnostics and functional response

Siemens 6ES7431-7KF10-0AB0

Siemens 6ES7134-4JB51-0AB0

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