

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

SIEMENS 6ES7134-4LB02-0AB0
SIMATIC ET 200S 2AI U High Feature Module

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PRODUCT IDENTIFICATION

Article Number	6ES7134-4LB02-0AB0
Manufacturer	Siemens
Product Family	SIMATIC ET 200S
Module Type	2AI U High Feature analog input electronic module
Lifecycle	Spare part; product cancellation effective 2023-10-01
Country of Origin	Germany
Commodity Code	85389091
Net Weight	0.054 kg (Siemens ordering data)

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CORE TECHNICAL DATA

Analog Inputs	2 voltage inputs
Input Ranges	-10 to +10 V; -5 to +5 V; 1 to 5 V
Resolution	15 bit plus sign for bipolar ranges; 15 bit for 1 to 5 V
Module Cycle Time	0.5 ms without interference-frequency suppression
Operational Error Limit	+/-0.1% with interference-frequency suppression
Module Width	15 mm

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ELECTRICAL AND PERFORMANCE DATA

Rated Load Voltage	24 V DC; reverse-polarity protected
Current from L+	55 mA maximum without load
Backplane Current	10 mA maximum at 3.3 V DC
Typical Power Loss	0.85 W
Input Resistance	800 kohm for each supported voltage range
Destruction Limit	35 V continuous; 75 V for up to 1 ms
Shielded Cable Length	200 m maximum
Address Space	4 bytes maximum per module
Isolation Test	500 V DC
Dimensions	15 x 81 x 52 mm (W x H x D)

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DIAGNOSTICS AND CONFIGURATION

Isochronous Mode	Supported; minimum module conversion time 0.5 ms
Noise Suppression	Parameterizable for 50 Hz, 60 Hz or disabled
Measured-Value Smoothing	Four stages: 1x, 4x, 16x and 32x cycle time
Diagnostics	Wire break for 1 to 5 V, overflow, underflow and group error
Status Indication	Red SF LED for group fault
Potential Separation	Inputs isolated from backplane bus and load voltage L+

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INSTALLATION NOTES

- Use the specified ET 200S terminal module and follow the official terminal assignment for channels M0 and M1.
- Apply shielded signal wiring and observe the maximum permitted input voltage and cable length.
- Set the voltage range, interference-frequency suppression, smoothing and diagnostics in the station configuration.
- Verify the article number and installed ET 200S configuration before replacing this discontinued spare part.

IMPORTANT NOTICE

This Amikon-formatted product reference is based on Siemens product data and the official ET 200S 2AI U HF manual. Confirm the delivered article number, terminal module and station configuration before installation.