

SIMATIC ET 200S

Product Data Sheet

6ES7134-4FB52-0AB0

High-speed analog voltage input module

ANALOG INPUT CHANNELS	RATED SUPPLY VOLTAGE	MAXIMUM UNLOADED SUPPLY CURRENT	MAXIMUM BACKPLANE CURRENT AT 3.3 V
2	24 V DC	130 mA	10 mA

Siemens 6ES7134-4FB52-0AB0 is a two-channel high-speed analog voltage input module for SIMATIC ET 200S distributed I/O. It acquires compatible voltage signals for configured machine and process automation stations.

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VERIFIED TECHNICAL DATA

Analog input channels	2
Rated supply voltage	24 V DC
Maximum unloaded supply current	130 mA
Maximum backplane current at 3.3 V	10 mA
Typical power loss	2 W
Input address space	4 bytes
Permissible continuous input voltage	35 V maximum
Input voltage ranges	1 to 5 V / ± 2.5 V / ± 5 V / ± 10 V
Input resistance	120 kohm
Maximum all-channel cycle time	250 micros

ADDITIONAL PRODUCT DATA

Conversion time per channel	15 micros
Input resolution	15 bits at 1 to 5 V / ± 2.5 V; 16 bits at ± 5 V / ± 10 V
Maximum shielded cable length	200 m
Linearity error	$\pm 0.03\%$
Temperature error	$\pm 0.01\%/K$

DOCUMENTED USE SETTINGS

Industrial Manufacturing and Production Processing: Manufacturing Process Automation.

Food Production and Beverage Processing: Food Processing and Packaging.

Chemical Production and Petrochemical Processing: Industrial Chemical Production.

SYSTEM COMPATIBILITY

6ES7134-4FB52-0AB0 belongs to the SIMATIC ET 200S family and provides the documented high-speed analog voltage input module function. Its analog input channels is 2; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Siemens SIMATIC ET 200S manufacturer documentation; applicable pages 1, 2, 3

AMIKON PRODUCT SUPPORT

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