

SIMATIC ET 200S

Product Data Sheet

6ES7135-4FB52-0AB0

Two-channel high-speed voltage output module

ANALOG OUTPUT CHANNELS	OUTPUT RESOLUTION	OUTPUT VOLTAGE RANGES	SUPPLY VOLTAGE
2	16 bits	$\pm 10\text{ V}$ / $\pm 5\text{ V}$ / 1 to 5 V	24 V DC via power module

Siemens 6ES7135-4FB52-0AB0 is a SIMATIC ET 200S two-channel high-speed analog voltage output module. It provides configured voltage outputs for compatible distributed automation stations and connected industrial control circuits.

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VERIFIED TECHNICAL DATA

Analog output channels	2
Output resolution	16 bits
Output voltage ranges	$\pm 10\text{ V}$ / $\pm 5\text{ V}$ / 1 to 5 V
Supply voltage	24 V DC via power module
Maximum no-load current	130 mA
Backplane current at 3.3 V	10 mA
Typical power loss	2.2 W
Output address space	4 bytes
Short-circuit output current	25 mA
Maximum all-channel conversion time	0.25 ms

ADDITIONAL PRODUCT DATA

Minimum load resistance	1 kohm
Maximum load capacitance	1 microF; 0.1 microF at 0.1 ms
Maximum cable length	200 m; 20 m at 0.1 ms
Settling time	0.05 ms
Isolation test voltage	500 V DC

DOCUMENTED USE SETTINGS

Industrial Manufacturing and Automated Production: Discrete Manufacturing and Assembly.

Food Manufacturing and Beverage Production: Food Processing and Production.

Chemical Manufacturing and Industrial Processing: Industrial Chemical Manufacturing.

SYSTEM COMPATIBILITY

6ES7135-4FB52-0AB0 belongs to the SIMATIC ET 200S family and provides the documented two-channel high-speed voltage output module function. Documented analog output channels: 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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