

SIMATIC ET 200L-SC

Product Data Sheet

6ES7123-1FB00-0AB0

Two-channel voltage input submodule

ANALOG INPUT CHANNELS	INPUT VOLTAGE RANGES	INPUT IMPEDANCE	MAXIMUM INPUT CURRENT CONSUMPTION
2	1 to 5 V / ± 10 V	100 kohm	30 mA at 24 V DC

Siemens 6ES7123-1FB00-0AB0 is a two-channel analog voltage input submodule for the SIMATIC ET 200L-SC distributed I/O system. It connects compatible voltage signals to an SC terminal-block configuration used in industrial automation.

01 VERIFIED TECHNICAL DATA

Analog input channels	2
Input voltage ranges	1 to 5 V / ± 10 V
Input impedance	100 kohm
Maximum input current consumption	30 mA at 24 V DC
Power loss	0.6 W
Resolution at ± 10 V	13 bits
Resolution at 1 to 5 V	12 bits
Conversion time	65 / 55 ms
Integration time	60 / 50 ms
Digital filter settings	4 stages

ADDITIONAL PRODUCT DATA

Maximum shielded cable length	200 m
Linearity error	0.05%
Temperature error	0.01%/K
Crosstalk suppression	50 dB
Isolation test voltage	1500 V AC

DOCUMENTED USE SETTINGS

Chemical Manufacturing and Industrial Processing: Industrial Chemical Manufacturing.

Industrial Manufacturing and Automated Production: Discrete Manufacturing and Assembly.

Food Manufacturing and Beverage Production: Food Processing and Production.

SYSTEM COMPATIBILITY

6ES7123-1FB00-0AB0 belongs to the SIMATIC ET 200L-SC family and provides the documented two-channel voltage input submodule function. Documented analog input channels: 2; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Siemens SIMATIC ET 200L-SC manufacturer documentation; applicable pages 1, 2, 3

AMIKON PRODUCT SUPPORT

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