

SIMATIC ET 200B

Product Data Sheet

6ES7133-0BL00-0XB0

Digital input output electronic block

DIGITAL INPUTS	DIGITAL OUTPUTS	FIELD SUPPLY RANGE	LOGIC SUPPLY CURRENT
16, 24 V DC	16, 0.5 A per channel	18.5 to 30.2 V DC	85 mA

Siemens 6ES7133-0BL00-0XB0 is a combined digital input and output electronic block in the SIMATIC ET 200B family. It connects 24 V field signals to a compatible PROFIBUS DP station for distributed machine and production control.

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VERIFIED TECHNICAL DATA

Digital inputs	16, 24 V DC
Digital outputs	16, 0.5 A per channel
Field supply range	18.5 to 30.2 V DC
Logic supply current	85 mA
Sensor supply current	1000 mA maximum
Supply I ² t	0.05 A ² s
Maximum power loss	5.5 W
Input high level	13 to 30 V
Input low level	-30 to +5 V
Typical input current	4 mA

ADDITIONAL PRODUCT DATA

Maximum input delay	3 ms
Unshielded signal cable	100 m maximum
Output switching delay	20 micros on, 0.5 ms off
Lamp load rating	5 W
PROFIBUS rate	12 Mbit/s maximum

DOCUMENTED USE SETTINGS

Automotive Manufacturing and Vehicle Assembly: Vehicle Body Production.

Food Manufacturing and Beverage Production: Food Processing and Packaging.

Packaging Production and Converting Industries: Industrial Packaging Material Production.

SYSTEM COMPATIBILITY

Siemens 6ES7133-0BL00-0XB0 is a combined digital input and output electronic block in the SIMATIC ET 200B family. It connects 24 V field signals to a compatible PROFIBUS DP station for distributed machine and production control.

PRODUCT EVIDENCE

Siemens SIMATIC ET 200B technical documentation

AMIKON PRODUCT SUPPORT

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