

SIMATIC ET 200L

Product Data Sheet

6ES7133-1BL01-0XB0

16DI/16DO distributed I/O block

DIGITAL INPUT COUNT	DIGITAL OUTPUT COUNT	FIELD SUPPLY	TERMINAL BASE
16	16	24 V DC	TB 32L

Siemens 6ES7133-1BL01-0XB0 is a SIMATIC ET 200L electronic block with 16 digital inputs and 16 digital outputs. It supplies a compact PROFIBUS-connected field I/O interface for distributed machine and production control.

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VERIFIED TECHNICAL DATA

Digital input count	16
Digital output count	16
Field supply	24 V DC
Terminal base	TB 32L
Supply interruption bridging	20 ms
Control-circuit current	70 mA maximum
Unloaded output-supply current	50 mA
Module power loss	5 W
Input signal thresholds	Low: -30 to +5 V; high: 13 to 30 V
Input delay time	2 to 4.5 ms

ADDITIONAL PRODUCT DATA

Channel output current	0.5 A
Short-circuit response threshold	0.7 A
Load resistance range	41 ohm to 28 kohm
Output switching delays	50 micros on; 200 micros off
PROFIBUS transmission rate	1.5 Mbit/s maximum

DOCUMENTED USE SETTINGS

Industrial Manufacturing and Production: Discrete Parts Manufacturing.

Food and Beverage Manufacturing: Food Production and Packaging.

Water Treatment and Distribution: Municipal Water Treatment.

SYSTEM COMPATIBILITY

6ES7133-1BL01-0XB0 is the 16di/16do distributed i/o block for SIMATIC ET 200L. Match the documented interface and installed companion equipment before configuring the assembly.

PRODUCT EVIDENCE

Siemens SIMATIC ET 200L technical documentation

AMIKON PRODUCT SUPPORT

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