

SIMATIC ET 200X

Product Data Sheet

6ES7141-1BF12-0XB0

digital I/O electronic module

FUNCTION digital I/O electronic module	FAMILY SIMATIC ET 200X	ORIGIN Germany	WEIGHT 0.80 kg
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ET 200X 6ES7141-1BF12-0XB0 is a digital I/O electronic module for the SIMATIC ET 200X. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Power Loss	3.5 W
Transmission rate, max.	12 Mbit/s
From supply voltage 1L+, max.	180 mA
Input current — for signal "1", typ.	7 mA
Low Input Level	-3 to +5V
High Input Level	13 to 30V
Frequency converters, max.	6
Permissible quiescent current (2-wire sensor)	1.5 mA
Reverse polarity protection	Yes
Short-circuit protection	Yes; Electronic

ADDITIONAL PRODUCT DATA

Diagnostic functions	Parameterizable
Supply Voltage	24 V
Up to 40 °C, max.	0.9 A
Up to 55 °C, max.	0.7 A
For standard inputs — at "0" to "1", max.	4.8 ms

OFFICIAL APPLICATIONS

- Filling and packaging production halls: Remote Station Systems
- Aeration and sludge treatment basins: Energy Management Systems
- Turbine lubrication and cooling skids: Drive Coordination Systems

SYSTEM COMPATIBILITY

Match 6ES7141-1BF12-0XB0 to the installed SIMATIC ET 200X, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official manufacturer documentation](#)

<https://support.industry.siemens.com/>

AMIKON PRODUCT SUPPORT

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