

SIMATIC ET 200 DISTRIBUTED I/O SYSTEMS

Product Data Sheet

6ES7144-1JB31-0XB0

distributed I/O interface module

FUNCTION distributed I/O interface module	FAMILY SIMATIC ET 200 distributed I/O	ORIGIN Germany	WEIGHT 0.289 kg
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Siemens SIMATIC S7 6ES7144-1JB31-0XB0 is a distributed I/O interface module for the SIMATIC ET 200 distributed I/O systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Rated Supply	24 V DC
Mounting	Control cabinet
Protection Class	IP20
System Interface	Backplane bus
Configuration	Manufacturer engineering tool
Operating Mode	Continuous duty
Connection	Keyed industrial connector
Diagnostic State	Status indicators
Commissioning	Controlled functional test
Installation	Rack module

- Use the documented distributed I/O interface module: Apply 6ES7144-1JB31-0XB0 only in the manufacturer-specified SIMATIC ET 200 distributed I/O systems position. Match the complete article number, electrical interfaces and adjacent hardware before service.
- Preserve interfaces and module position: Record connector keying, terminal assignments, shields, protective earth and neighboring assemblies for 6ES7144-1JB31-0XB0; restore the same controlled arrangement during installation.
- Validate the restored control function: After installing 6ES7144-1JB31-0XB0, review system diagnostics and test the affected signals, communication or controlled equipment at a safe operating point. Record the final acceptance results.

Match 6ES7144-1JB31-0XB0 to the installed SIMATIC ET 200 distributed I/O systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens Industry Mall technical product data](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6ES7144-1JB31-0XB0>

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