

SIMATIC ET 200S DISTRIBUTED I/O

Product Data Sheet

6ES7138-7EA00-0AA0

ET 200S interface or technology module

FUNCTION ET 200S interface or technology	FAMILY SIMATIC ET 200S distributed I/O	ORIGIN Germany	WEIGHT Confirm before dispatch
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Siemens Simatic S7 6ES7138-7EA00-0AA0 is a ET 200S interface or technology module for the SIMATIC ET 200S distributed I/O. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6ES7138-7EA00-0AA0
Product Class	Et 200S Interface Or Technology Module
Product Family	SIMATIC ET 200S distributed I/O
Control Supply	24 V DC or system backplane
Backplane Interface	SIMATIC system bus
Programming	STEP 7 / TIA Portal
Process Image	Cyclic I/O exchange
Diagnostics	Module and channel status
Isolation	Galvanically isolated field circuits
Mounting	SIMATIC rail or rack

ADDITIONAL PRODUCT DATA

Protection Class	IP20 installed
Operating Temperature	0 to +60 °C class
Status Indication	Front-panel LEDs

OFFICIAL APPLICATIONS

- Support paint-shop conveying with Et 200S process control: Within the carrier tracking and booth interfaces, 6ES7138-7EA00-0AA0 provides its specified system function as a ET 200S interface or technology module. During carrier accumulation, the system uses this function to route carriers by production status, helping it preserve body order through the process.
- Route recipe mixing with Et 200S process control: For the coordinated operation of the mixers and ingredient skids, 6ES7138-7EA00-0AA0 operates in its approved product-family role as a ET 200S interface or technology module. During recipe changeover, the system uses this function to sequence material transfers and equipment permissives, helping it preserve the verified batch state.
- Support test-stand control with Et 200S process control: Inside the load actuators and measurement channels, 6ES7138-7EA00-0AA0 serves its documented function as a ET 200S interface or technology module. During test-point transition, the system uses this function to move the test article through commanded operating points, helping it capture comparable results at each condition.

SYSTEM COMPATIBILITY

Match 6ES7138-7EA00-0AA0 to the installed SIMATIC ET 200S distributed I/O, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6ES7138-7EA00-0AA0>

AMIKON PRODUCT SUPPORT

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