

SIEMENS INDUSTRIAL AUTOMATION SYSTEMS

Product Data Sheet

6ES7152-1AA00-0AB0

industrial automation module

FUNCTION	FAMILY	ORIGIN	WEIGHT
industrial automation module	Siemens industrial automation systems	Germany	Confirm before dispatch

Siemens Simatic S7 6ES7152-1AA00-0AB0 is a industrial automation module for the Siemens industrial automation systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6ES7152-1AA00-0AB0
Product Class	Industrial Automation Module
Product Family	Siemens industrial automation systems
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

- Supervise automated storage with Industrial Automation: Within the stacker cranes and storage positions, 6ES7152-1AA00-0AB0 performs its assigned control role as a industrial automation module. During buffer release, the system uses this function to release material according to downstream availability, helping it prevent overfilling the next buffer.
- Verify press sequencing with Industrial Automation: For the coordinated operation of the feed systems, dies and safety interfaces, 6ES7152-1AA00-0AB0 provides its specified system function as a industrial automation module. During part change, the system uses this function to apply the selected product recipe to the sequence, helping it produce the intended part without skipping an interlock.
- Verify aseptic filling with Industrial Automation: For the coordinated operation of the fillers and container conveyors, 6ES7152-1AA00-0AB0 supports the configured automation role as a industrial automation module. During line-speed ramp, the system uses this function to keep container flow synchronized with filling demand, helping it move accepted containers toward inspection.

SYSTEM COMPATIBILITY

Match 6ES7152-1AA00-0AB0 to the installed Siemens industrial automation systems, 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/6ES7152-1AA00-0AB0>

AMIKON PRODUCT SUPPORT

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