

SIEMENS INDUSTRIAL AUTOMATION SYSTEMS

Product Data Sheet

6ES7152-1BA00-0AB0

industrial automation module

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

Siemens Simatic S7 6ES7152-1BA00-0AB0 is a industrial automation module for the Siemens industrial automation systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Exact Article Code	6ES7152-1BA00-0AB0
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

- Coordinate raw-water pumping with Industrial Automation: In the automation chain for the intake pumps and wet wells, 6ES7152-1BA00-0AB0 handles its designated signal or control duty as a industrial automation module. During peak-flow demand, the system uses this function to coordinate pump duty and level response, helping it maintain hydraulic continuity.
- Sequence test-stand control with Industrial Automation: At the control layer of the load actuators and measurement channels, 6ES7152-1BA00-0AB0 operates in its approved product-family role as a industrial automation 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.
- Balance distillation control with Industrial Automation: As part of the columns, reboilers and reflux circuits, 6ES7152-1BA00-0AB0 serves its documented function as a industrial automation module. During feed-composition change, the system uses this function to coordinate temperature, pressure and inventory loops, helping it maintain separation performance.

SYSTEM COMPATIBILITY

Match 6ES7152-1BA00-0AB0 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/6ES7152-1BA00-0AB0>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM