

SIMATIC AUTOMATION SYSTEMS

# Product Data Sheet

**6ES7142-6BG00-0AB0**

et 200 digital output module

|                                          |                                      |                   |                  |
|------------------------------------------|--------------------------------------|-------------------|------------------|
| FUNCTION<br>et 200 digital output module | FAMILY<br>SIMATIC automation systems | ORIGIN<br>Germany | WEIGHT<br>0.8 kg |
|------------------------------------------|--------------------------------------|-------------------|------------------|

Siemens Simatic S7 6ES7142-6BG00-0AB0 is a et 200 digital output module for the SIMATIC automation systems. The values below are limited to the exact documented article.

01

## VERIFIED TECHNICAL DATA

|                     |                              |
|---------------------|------------------------------|
| Manufacturer        | Siemens                      |
| Order Number        | 6ES7142-6BG00-0AB0           |
| Product Type        | Et 200 Digital Output Module |
| Product Family      | SIMATIC automation systems   |
| Country of Origin   | Germany                      |
| Supply Voltage      | 24 V DC                      |
| Backplane Interface | SIMATIC system bus           |
| Installation        | Control cabinet              |
| Protection Class    | IP20                         |
| Configuration       | STEP 7 engineering           |

## ADDITIONAL PRODUCT DATA

|                      |                                |
|----------------------|--------------------------------|
| Connector Check      | Keying and pin condition       |
| Grounding Check      | Protective earth continuity    |
| Configuration Record | Saved engineering project      |
| Diagnostic Check     | Module status and fault memory |
| Commissioning Test   | Controlled functional test     |

## OFFICIAL APPLICATIONS

- Use 6ES7142-6BG00-0AB0 in its documented control function: Apply 6ES7142-6BG00-0AB0 in the specified SIMATIC automation systems position and confirm the complete Siemens order number, installed hardware revision, power supply and approved engineering project before service.
- Record the installed interface arrangement: Photograph terminal labels, connector keying, network or signal cabling, shields, protective earth and neighboring modules. Preserve the documented slot and configuration during exchange.
- Test the affected automation function: After fitting 6ES7142-6BG00-0AB0, restore the controlled project, review module diagnostics and test the affected I/O, HMI, network, weighing or drive function at a safe operating point. Record final acceptance results.

## SYSTEM COMPATIBILITY

Match 6ES7142-6BG00-0AB0 to the installed SIMATIC automation systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## OFFICIAL SOURCES

[Siemens Industry Mall product documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6ES7142-6BG00-0AB0>

AMIKON PRODUCT SUPPORT

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