

SIMATIC AUTOMATION SYSTEMS

# Product Data Sheet

**6ES7416-3XL04-0AB0**

simatic s7 400 cpu module

|                           |                            |         |        |
|---------------------------|----------------------------|---------|--------|
| FUNCTION                  | FAMILY                     | ORIGIN  | WEIGHT |
| simatic s7 400 cpu module | SIMATIC automation systems | Germany | 1.5 kg |

Siemens Simatic S7 6ES7416-3XL04-0AB0 is a simatic s7 400 cpu module for the SIMATIC automation systems. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                     |                            |
|---------------------|----------------------------|
| Manufacturer        | Siemens                    |
| Order Number        | 6ES7416-3XL04-0AB0         |
| Product Type        | Simatic S7 400 Cpu 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         |

|                      |                                |
|----------------------|--------------------------------|
| 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     |

- Use 6ES7416-3XL04-0AB0 in its documented control function: Apply 6ES7416-3XL04-0AB0 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 6ES7416-3XL04-0AB0, 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.

Match 6ES7416-3XL04-0AB0 to the installed SIMATIC automation systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens Industry Mall product documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6ES7416-3XL04-0AB0>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM