

SIMATIC DISTRIBUTED I/O SYSTEMS

Product Data Sheet

6DL3100-8AC

simatic process i o module

FUNCTION simatic process i o module	FAMILY SIMATIC distributed I/O systems	ORIGIN Germany	WEIGHT 2.88 kg
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Siemens Simatic S7 6DL3100-8AC is a simatic process i o module for the SIMATIC distributed I/O systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Manufacturer	Siemens
Order Number	6DL3100-8AC
Product Type	Simatic Process I O Module
Product Family	SIMATIC distributed I/O 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 6DL3100-8AC in its documented control function: Apply 6DL3100-8AC in the specified SIMATIC distributed I/O 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 6DL3100-8AC, 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 6DL3100-8AC to the installed SIMATIC distributed I/O 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/6DL3100-8AC>

AMIKON PRODUCT SUPPORT

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