

SIMATIC AUTOMATION SYSTEMS

Product Data Sheet

6ES7451-3AL00-0AE0

fm451 positioning module

FUNCTION fm451 positioning module	FAMILY SIMATIC automation systems	ORIGIN Germany	WEIGHT 0.8 kg
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Siemens Simatic S7 6ES7451-3AL00-0AE0 is a fm451 positioning 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	6ES7451-3AL00-0AE0
Product Type	Fm451 Positioning 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

- Use 6ES7451-3AL00-0AE0 in its documented control function: Apply 6ES7451-3AL00-0AE0 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 6ES7451-3AL00-0AE0, 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 6ES7451-3AL00-0AE0 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/6ES7451-3AL00-0AE0>

AMIKON PRODUCT SUPPORT

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