

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7090-0XX84-0AD1

CUMC motion control board

FUNCTION CUMC motion control board	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.12 kg
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Siemens SIMOVERT 6SE7090-0XX84-0AD1 is a CUMC motion control board for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	CUMC motion control board
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Executes closed-loop motion control
Power Architecture	60 MHz CUMC controller
Voltage Class	24 V DC logic class
Current Rating	Four encoder-feedback inputs
Control Supply	24 V DC input
Power Section	Motion control option slot
Mechanical Design	Plug-in processor board
Electrical Interface	Digital I/O and encoder ports

ADDITIONAL PRODUCT DATA

Cooling Integration	Control-cabinet airflow
Board Designation	6SE7090-0XX84-0AD1 CUMC
Service Role	Motion-control replacement board
Product Status	Legacy Siemens module
Commissioning Check	Restore project and test four encoders

OFFICIAL APPLICATIONS

- Apply the 60 MHz CUMC board: Use 6SE7090-0XX84-0AD1 to execute closed-loop motion control in the documented SIMOVERT MASTERDRIVES. Confirm the installed section, electrical class and controlled drawing before intervention.
- Match the Digital I/O and encoder ports: Record the exact board marking, connector keying, adjacent assemblies, cable routing and protective-earth arrangement. Preserve the documented 60 MHz CUMC board interface during exchange.
- Validate the Restore project and test four encoders: After installation, restore project and test four encoders. Review Siemens drive diagnostics, capture the final test results and release the affected machine function through the site procedure.

SYSTEM COMPATIBILITY

Match 6SE7090-0XX84-0AD1 to the installed SIMOVERT MASTERDRIVES, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry manufacturer documentation](#)

<https://support.industry.siemens.com/cs/products?search=6SE7090-0XX84-0AD1>

AMIKON PRODUCT SUPPORT

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