

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7090-0XX84-6AB5

Varnished CUVC drive board

FUNCTION Varnished CUVC drive board	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.2 kg
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Siemens SIMOVERT 6SE7090-0XX84-6AB5 is a Varnished CUVC drive board for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Varnished CUVC drive board
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Provides closed-loop and open-loop vector control
Power Architecture	CUVC digital drive controller
Voltage Class	380–480 V AC system
Current Rating	Converter-defined motor current
Control Supply	24 V DC $\pm 15\%$
Power Section	Main converter control slot
Mechanical Design	Conformal-coated plug-in board
Electrical Interface	Encoder, I/O and backplane ports

ADDITIONAL PRODUCT DATA

Cooling Integration	Control-cabinet airflow
Board Designation	6SE7090-0XX84-6AB5 CUVC
Service Role	Varnished control-board spare
Product Status	Legacy Siemens module
Commissioning Check	Restore parameters and test vector control

OFFICIAL APPLICATIONS

- Apply the|varnished CUVC drive board: Use 6SE7090-0XX84-6AB5 to provides closed-loop and open-loop vector control in the documented SIMOVERT MASTERDRIVES. Confirm the installed section, electrical class and controlled drawing before intervention.
- Match the|Encoder, I/O and backplane ports: Record the exact board marking, connector keying, adjacent assemblies, cable routing and protective-earth arrangement. Preserve the documented varnished CUVC drive board interface during exchange.
- Validate the|Restore parameters and test vector control: After installation, restore parameters and test vector control. Review Siemens drive diagnostics, capture the final test results and release the affected machine function through the site procedure.

SYSTEM COMPATIBILITY

Match 6SE7090-0XX84-6AB5 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=6SE7090-0XX84-6AB5>

AMIKON PRODUCT SUPPORT

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