

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7038-6GL84-1JB0

VDU voltage divider module

FUNCTION	FAMILY	ORIGIN	WEIGHT
VDU voltage divider module	SIMOVERT MASTERDRIVES	Germany	0.38 kg

Siemens SIMOVERT 6SE7038-6GL84-1JB0 is a VDU voltage divider module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	VDU voltage divider module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Scales high DC voltage for control measurement
Power Architecture	Digital converter electronics
Voltage Class	Up to 1000 V DC input
Current Rating	±10 V measurement output
Control Supply	24 V DC electronics
Power Section	DC-link sensing section
Mechanical Design	Plug-in service assembly
Electrical Interface	High-voltage input and signal output

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet cooling arrangement
Board Designation	6SE7038-6GL84-1JB0 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

OFFICIAL APPLICATIONS

- Apply the VDU divider module: Use 6SE7038-6GL84-1JB0 to scales high DC voltage for control measurement within the documented SIMOVERT MASTERDRIVES. Confirm the assigned dc-link sensing section, electrical class and controlled drawing before work.
- Match the High-voltage input and signal output: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact 6SE7038-6GL84-1JB0 assembly. Preserve the documented VDU divider module interface during exchange.
- Validate the Run diagnostics and functional test: After installation, run diagnostics and functional test. Review Siemens diagnostics, record measured results and release the affected control or power function through the site procedure.

SYSTEM COMPATIBILITY

Match 6SE7038-6GL84-1JB0 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=6SE7038-6GL84-1JB0>

AMIKON PRODUCT SUPPORT

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