

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7038-6GL84-1HJ1

Mains thyristor control module

FUNCTION Mains thyristor control module	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.8 kg
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Siemens SIMOVERT 6SE7038-6GL84-1HJ1 is a Mains thyristor control module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Mains thyristor control module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Controls line-side thyristor firing and DC-link charging
Power Architecture	Line-side firing electronics
Voltage Class	Drive mains class
Current Rating	High-current converter rating
Power Section	Mains input section
Mechanical Design	Plug-in control module
Electrical Interface	Thyristor gates, mains and feedback plugs
Commissioning Check	Verify phase sequence and charging response

- Apply the mains thyristor firing: Use 6SE7038-6GL84-1HJ1 to controls line-side thyristor firing and dc-link charging within the documented SIMOVERT MASTERDRIVES. Confirm the mains input section, electrical class and controlled drawing before work.
- Prepare the phase-sequence control: Record thyristor gates, mains and feedback plugs, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact GL84 mains module arrangement during replacement.
- Complete the DC-link charging test: Verify phase sequence and charging response. Review Siemens diagnostics and record the final GL84 mains module result before returning the affected function to service.

Match 6SE7038-6GL84-1HJ1 to the installed SIMOVERT MASTERDRIVES, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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