

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7033-5GJ84-1JC0

IGB7 inverter module

FUNCTION IGB7 inverter module	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.84 kg
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Siemens SIMOVERT 6SE7033-5GJ84-1JC0 is a IGB7 inverter module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IGB7 inverter module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Generates firing commands for the inverter devices
Power Architecture	IGB7 gate-control stage
Voltage Class	500–690 V AC / 675–930 V DC
Current Rating	354 A device class
Power Section	Inverter power section
Mechanical Design	Long-format control board
Electrical Interface	Gate and feedback connectors
Commissioning Check	Compare all firing and feedback channels

- Service the 354 A inverter: Use 6SE7033-5GJ84-1JC0 to generate firing commands for the inverter devices in the documented SIMOVERT MASTERDRIVES. Match 500–690 V AC / 675–930 V DC, 354 A device class and the installed inverter power section before work.
- Restore the 930 V DC stage: Record gate and feedback connectors, adjacent hardware, cable routing and grounding before removal. Preserve the exact connector orientation and mechanical arrangement while installing the 354 A IGB7 module.
- Complete the IGB7 pulse test: Compare all firing and feedback channels. Review Siemens drive diagnostics and record the final 354 A IGB7 module configuration before returning the affected machine function to service.

Match 6SE7033-5GJ84-1JC0 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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