

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7028-6EC85-1HA0

MASTERDRIVES control unit module

FUNCTION	FAMILY	ORIGIN	WEIGHT
MASTERDRIVES control unit module	SIMOVERT MASTERDRIVES	Germany	0.7 kg

Siemens SIMOVERT 6SE7028-6EC85-1HA0 is a MASTERDRIVES control unit module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	MASTERDRIVES control unit module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Executes drive control, parameter handling and fault diagnostics
Power Architecture	Digital converter control
Voltage Class	24 V DC electronics
Current Rating	Signal-level control load
Power Section	Converter control section
Mechanical Design	Plug-in control unit
Electrical Interface	Bus, I/O and feedback connectors
Commissioning Check	Restore parameter set and test diagnostics

- Apply the converter parameter control: Use 6SE7028-6EC85-1HA0 to executes drive control, parameter handling and fault diagnostics within the documented SIMOVERT MASTERDRIVES. Confirm the converter control section, electrical class and controlled system drawing before work.
- Prepare the bus interface restore: Record bus, i/o and feedback connectors, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact EC85 control unit arrangement during replacement.
- Complete the fault diagnostic test: Restore parameter set and test diagnostics. Review Siemens diagnostics and record the final EC85 control unit result before returning the affected function to service.

Match 6SE7028-6EC85-1HA0 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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