

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7031-4HE85-1JA0

TSE2 snubber capacitor module

FUNCTION	FAMILY	ORIGIN	WEIGHT
TSE2 snubber capacitor module	SIMOVERT MASTERDRIVES	Germany	0.22 kg

Siemens SIMOVERT 6SE7031-4HE85-1JA0 is a TSE2 snubber capacitor module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	TSE2 snubber capacitor module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Damps transients in regenerative infeed units
Power Architecture	Digital converter electronics
Voltage Class	660–690 V AC
Current Rating	Design E pulse-energy class
Control Supply	Passive snubber circuit
Power Section	Feed and regenerative infeed
Mechanical Design	Plug-in service assembly
Electrical Interface	TSE2 power terminals

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet cooling arrangement
Board Designation	6SE7031-4HE85-1JA0 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

OFFICIAL APPLICATIONS

- Apply the TSE2 regenerative snubber: Use 6SE7031-4HE85-1JA0 to damp transients in regenerative infeed units within the documented SIMOVERT MASTERDRIVES. Confirm the assigned feed and regenerative infeed, electrical class and controlled drawing before work.
- Match the TSE2 power terminals: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact 6SE7031-4HE85-1JA0 assembly. Preserve the documented TSE2 regenerative snubber 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 6SE7031-4HE85-1JA0 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=6SE7031-4HE85-1JA0>

AMIKON PRODUCT SUPPORT

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