

SIMOVERT MASTERDRIVES

Product Data Sheet

6RY1703-0FA12

TSE capacitor module

FUNCTION	FAMILY	ORIGIN	WEIGHT
TSE capacitor module	SIMOVERT MASTERDRIVES	Germany	0.38 kg

Siemens SIMOVERT 6RY1703-0FA12 is a TSE capacitor module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	TSE capacitor module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Damps converter switching overvoltage
Power Architecture	Digital converter electronics
Voltage Class	Converter pulse-voltage class
Current Rating	Transient-energy rating
Control Supply	Passive snubber network
Power Section	Converter TSE section
Mechanical Design	Plug-in service assembly
Electrical Interface	C98043-A7017-L1 terminals

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet cooling arrangement
Board Designation	6RY1703-0FA12 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

OFFICIAL APPLICATIONS

- Apply the 0FA12 TSE module: Use 6RY1703-0FA12 to damp converter switching overvoltage within the documented SIMOVERT MASTERDRIVES. Confirm the assigned converter tse section, electrical class and controlled drawing before work.
- Match the C98043-A7017-L1 terminals: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact 6RY1703-0FA12 assembly. Preserve the documented 0FA12 TSE 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 6RY1703-0FA12 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=6RY1703-0FA12>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM