

SIMOVERT MASTERDRIVES

Product Data Sheet

6SY7010-6AA01

ntc thermistor service

FUNCTION ntc thermistor service	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.2 kg
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Siemens SIMOVERT 6SY7010-6AA01 is a ntc thermistor service for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	ntc thermistor service
Drive Family	SINAMICS drive systems
Primary Function	Provides the documented ntc thermistor service function
Power Architecture	6SY7010-6AA01 industrial architecture
Voltage Class	Installed equipment voltage class
Current Rating	Model-specific channel current
Control Supply	24 V DC control class
Power Section	SINAMICS drive systems service section
Mechanical Design	6SY7010-6AA01 service assembly
Electrical Interface	6SY7010-6AA01 keyed connector set

ADDITIONAL PRODUCT DATA

Cooling Integration	SINAMICS drive systems cooling practice
Board Designation	6SY7010-6AA01 exact designation
Service Role	6SY7010-6AA01 maintenance role
Product Status	6SY7010-6AA01 identity verification
Commissioning Check	Validate 6SY7010-6AA01 diagnostics and function

OFFICIAL APPLICATIONS

- Use 6SY7010-6AA01 for its documented ntc thermistor service function: Apply 6SY7010-6AA01 only in the documented SIMOVERT MASTERDRIVES equipment position. Match the article marking, power class, controlled section and approved system drawings before any installation work begins.
- Record the complete connection arrangement: Photograph connector keying, cable labels, shields, protective earth and adjacent assemblies for 6SY7010-6AA01. Preserve the documented routing and mechanical position while exchanging the installed component.
- Commission the affected drive function safely: After fitting 6SY7010-6AA01, restore the controlled settings, review diagnostics and test the connected motor, converter or interface at a safe operating point. Keep the measured results in the maintenance record.

SYSTEM COMPATIBILITY

Match 6SY7010-6AA01 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 manufacturer documentation

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6SY7010-6AA01>

AMIKON PRODUCT SUPPORT

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