

SIMOREG DC CONVERTER SYSTEMS

Product Data Sheet

6RY1806-0AB00

converter control circuit board

FUNCTION converter control circuit board	FAMILY SIMOREG DC converter systems	ORIGIN Germany	WEIGHT 0.2 kg
---	--	-------------------	------------------

Siemens SIMOREG 6RY1806-0AB00 is a converter control circuit board for the SIMOREG DC converter systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	converter control circuit board
Drive Family	SIMOREG DC converter systems
Primary Function	Provides the documented converter control circuit board function
Power Architecture	6RY1806-0AB00 industrial architecture
Voltage Class	Installed equipment voltage class
Current Rating	Model-specific channel current
Control Supply	24 V DC control class
Power Section	SIMOREG DC converter systems service section
Mechanical Design	6RY1806-0AB00 service assembly
Electrical Interface	6RY1806-0AB00 keyed connector set

ADDITIONAL PRODUCT DATA

Cooling Integration	SIMOREG DC converter systems cooling practice
Board Designation	6RY1806-0AB00 exact designation
Service Role	6RY1806-0AB00 maintenance role
Product Status	6RY1806-0AB00 identity verification
Commissioning Check	Validate 6RY1806-0AB00 diagnostics and function

OFFICIAL APPLICATIONS

- Use 6RY1806-0AB00 for its documented converter control circuit board function: Apply 6RY1806-0AB00 only in the documented SIMOREG DC converter systems 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 6RY1806-0AB00. Preserve the documented routing and mechanical position while exchanging the installed component.
- Commission the affected drive function safely: After fitting 6RY1806-0AB00, 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 6RY1806-0AB00 to the installed SIMOREG DC converter systems, 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/6RY1806-0AB00>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM