

SIMOREG DC MASTER CONVERTERS

Product Data Sheet

6RY1243-0DA0

Thyristor firing power board

FUNCTION Thyristor firing power board	FAMILY SIMOREG DC Master converters	ORIGIN Germany	WEIGHT 0.8 kg
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Siemens SIMOREG 6RY1243-0DA0 is a Thyristor firing power board for the SIMOREG DC Master converters. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	Thyristor firing power board
Drive Family	SIMOREG DC Master converters
Primary Function	Generates isolated firing pulses for the thyristor bridge
Power Architecture	C98043-A1601-L4 firing stage
Voltage Class	400–575 V AC bridge class
Current Rating	Bridge-defined armature current
Power Section	Converter power section
Mechanical Design	Plug-in power board
Electrical Interface	Gate leads, supply and feedback plugs
Commissioning Check	Verify firing symmetry and bridge response

- Apply the thyristor gate firing: Use 6RY1243-0DA0 to generate isolated firing pulses for the thyristor bridge within the documented SIMOREG DC Master converters. Confirm the converter power section, electrical class and controlled system drawing before work.
- Prepare the bridge pulse symmetry: Record gate leads, supply and feedback plugs, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact A1601-L4 firing board arrangement during replacement.
- Complete the armature response test: Verify firing symmetry and bridge response. Review Siemens diagnostics and record the final A1601-L4 firing board result before returning the affected function to service.

Match 6RY1243-0DA0 to the installed SIMOREG DC Master converters, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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