

SIMOREG CONVERTER SYSTEMS

Product Data Sheet

C98043-A1691-L1

Thyristor firing interface board

FUNCTION Thyristor firing interface board	FAMILY SIMOREG converter systems	ORIGIN Germany	WEIGHT 0.75 kg
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Siemens SIMOREG C98043-A1691-L1 is a Thyristor firing interface board for the SIMOREG converter systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Thyristor firing interface board
Drive Family	SIMOREG converter systems
Primary Function	Transfers isolated firing commands to the converter thyristor bridge
Power Architecture	Pulse-transformer electronics
Voltage Class	Converter bridge class
Current Rating	Bridge-defined armature current
Power Section	Power converter section
Mechanical Design	Plug-in firing board
Electrical Interface	Gate leads, supply and feedback plugs
Commissioning Check	Verify firing symmetry and bridge response

- Apply the thyristor pulse transfer: Use C98043-A1691-L1 to transfers isolated firing commands to the converter thyristor bridge within the documented SIMOREG converter systems. Confirm the power converter section, electrical class and controlled drawing before work.
- Prepare the gate-lead mapping: Record gate leads, supply and feedback plugs, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact A1691-L1 firing board arrangement during replacement.
- Complete the bridge symmetry test: Verify firing symmetry and bridge response. Review Siemens diagnostics and record the final A1691-L1 firing board result before returning the affected function to service.

Match C98043-A1691-L1 to the installed SIMOREG converter systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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