

SIMOREG CONVERTER SYSTEMS

Product Data Sheet

C98043-A1681-L1

Thyristor gate interface board

FUNCTION Thyristor gate interface board	FAMILY SIMOREG converter systems	ORIGIN Germany	WEIGHT 0.75 kg
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Siemens SIMOREG C98043-A1681-L1 is a Thyristor gate 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 gate interface board
Drive Family	SIMOREG converter systems
Primary Function	Transfers firing pulses and bridge feedback for the power converter
Power Architecture	Pulse-transformer interface
Voltage Class	Converter bridge class
Current Rating	Bridge-defined current
Power Section	Thyristor bridge section
Mechanical Design	Plug-in firing board
Electrical Interface	Gate leads, supply and diagnostic plugs
Commissioning Check	Check pulse polarity and bridge symmetry

- Apply the gate pulse transfer: Use C98043-A1681-L1 to transfers firing pulses and bridge feedback for the power converter within the documented SIMOREG converter systems. Confirm the thyristor bridge section, electrical class and controlled system drawing before work.
- Prepare the bridge feedback route: Record gate leads, supply and diagnostic plugs, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact A1681-L1 gate board arrangement during replacement.
- Complete the pulse polarity test: Check pulse polarity and bridge symmetry. Review Siemens diagnostics and record the final A1681-L1 gate board result before returning the affected function to service.

Match C98043-A1681-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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