

SIMOREG DC CONVERTER SYSTEMS

Product Data Sheet

C98043-A1800-L1

Thyristor firing interface board

FUNCTION	FAMILY	ORIGIN	WEIGHT
Thyristor firing interface board	SIMOREG DC converter systems	Germany	0.65 kg

Siemens SIMOREG C98043-A1800-L1 is a Thyristor firing interface board for the SIMOREG DC 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 DC converter systems
Primary Function	Transfers firing pulses to thyristor bridges
Power Architecture	Pulse-transformer gate interface
Voltage Class	Converter bridge voltage class
Current Rating	Bridge-defined firing channels
Control Supply	Isolated gate-control supply
Power Section	Power converter firing section
Mechanical Design	L1 plug-in interface board
Electrical Interface	Gate leads, supply and feedback

ADDITIONAL PRODUCT DATA

Cooling Integration	Power-stack thermal path
Board Designation	C98043-A1800-L1 board
Service Role	DC-drive firing spare
Product Status	Siemens service component
Commissioning Check	Check pulse symmetry and polarity

OFFICIAL APPLICATIONS

- Apply the A1800-L1 firing board: Use C98043-A1800-L1 to transfers firing pulses to thyristor bridges in the documented SIMOREG DC converter systems. Confirm the installed section, electrical class and controlled drawing before intervention.
- Match the Gate leads, supply and feedback: Record the exact board marking, connector keying, adjacent assemblies, cable routing and protective-earth arrangement. Preserve the documented A1800-L1 firing board interface during exchange.
- Validate the Check pulse symmetry and polarity: After installation, check pulse symmetry and polarity. Review Siemens drive diagnostics, capture the final test results and release the affected machine function through the site procedure.

SYSTEM COMPATIBILITY

Match C98043-A1800-L1 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 Industry manufacturer documentation](#)

<https://support.industry.siemens.com/cs/products?search=C98043-A1800-L1>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM