

SINAMICS POWER ELECTRONICS

Product Data Sheet

A5E00296878

Isolation driver board

FUNCTION Isolation driver board	FAMILY SINAMICS power electronics	ORIGIN Germany	WEIGHT 0.58 kg
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Siemens SINAMICS A5E00296878 is a Isolation driver board for the SINAMICS power electronics. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Isolation driver board
Drive Family	SINAMICS power electronics
Primary Function	Provides isolated measurement and gate-drive functions
Power Architecture	High-voltage IGBT interface
Voltage Class	24 V DC control input
Current Rating	1900 A module class
Power Section	Power-block interface
Mechanical Design	Isolated driver board
Electrical Interface	Two gate channels and voltage feedback
Commissioning Check	Test isolation and both gate channels

- Use the Isolation driver board: A5E00296878 supports provides isolated measurement and gate-drive functions in the documented SINAMICS power electronics arrangement. Confirm the installed section, adjacent hardware and controlled drawings before work.
- Match the Two gate channels and voltage feedback: Record connector keys, cable routing, grounding and every mating assembly before removing the installed component. Compare these details with the complete Siemens article and board revision.
- Complete the Isolation driver board test: Test isolation and both gate channels. Review drive diagnostics and record the final configuration before returning the affected machine function to service.

Match A5E00296878 to the installed SINAMICS power electronics, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

<https://support.industry.siemens.com/>