

SINAMICS S120 MULTI-AXIS DRIVES

Product Data Sheet

A5E36717797

IGD2 R4 driver board

FUNCTION IGD2 R4 driver board	FAMILY SINAMICS S120 multi-axis drives	ORIGIN Germany	WEIGHT 0.58 kg
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Siemens SINAMICS A5E36717797 is a IGD2 R4 driver board for the SINAMICS S120 multi-axis drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IGD2/R4 driver board
Drive Family	SINAMICS S120 multi-axis
Primary Function	Controls 310 A IGBT switching
Power Architecture	IGD2/R4 gate-drive architecture
Voltage Class	480 V AC / 650 V DC
Current Rating	310 A TIM class
Control Supply	Isolated control-side supply
Power Section	Multi-axis inverter section
Mechanical Design	Compact TIM board assembly
Electrical Interface	Internal gate and monitor plugs

ADDITIONAL PRODUCT DATA

Cooling Integration	Mounted on cooled power stack
Board Designation	A5E36717797 IGD2/R4
Service Role	Power-block service component
Product Status	Siemens repair spare
Commissioning Check	Confirm 310 A TIM marking

OFFICIAL APPLICATIONS

- Apply the IGD2 R4 driver board: Use A5E36717797 for controls 310 a igbt switching only after confirming the installed drive family, exact section and electrical class.
- Match the 480 V AC / 650 V DC hardware: Compare the full nameplate, connector positions, board designation, power-device rating and cooling arrangement before replacement.
- Validate the repaired drive section: Confirm 310 A TIM marking. Review drive diagnostics and test the affected motor, line or braking function under the approved commissioning procedure.

SYSTEM COMPATIBILITY

Match A5E36717797 to the installed SINAMICS S120 multi-axis drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

Siemens Industry Mall and applicable drive documentation

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/A5E36717797>

AMIKON PRODUCT SUPPORT

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