

SINAMICS S120 / G150 DRIVES

Product Data Sheet

A5E36717791

IGD3 R2 driver board

FUNCTION	FAMILY	ORIGIN	WEIGHT
IGD3 R2 driver board	SINAMICS S120 / G150 drives	Germany	2.76 kg

Siemens SINAMICS A5E36717791 is a IGD3 R2 driver board for the SINAMICS S120 / G150 drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	IGD3 R2 driver board
Drive Family	SINAMICS S120 / G150 drives
Primary Function	Controls high-current IGBT firing
Power Architecture	IGD3/R2 gate-drive architecture
Voltage Class	480 V AC / 650 V DC
Current Rating	745 A TIM class
Control Supply	Isolated gate-control supply
Power Section	Power-block inverter section
Mechanical Design	FS450 power-board assembly
Electrical Interface	Internal gate and feedback plugs

ADDITIONAL PRODUCT DATA

Cooling Integration	Baseplate-cooled power stack
Board Designation	A5E36717791 IGD3/R2
Service Role	High-current repair component
Product Status	End-of-lifecycle spare
Commissioning Check	Confirm 745 A TIM identity

OFFICIAL APPLICATIONS

- Use the IGD3 R2 driver board: Apply A5E36717791 for controls high-current igbt firing after matching the exact system, electrical class and installed section.
- Confirm the 480 V AC / 650 V DC configuration: Compare the nameplate, board designation, connectors, companion hardware and cooling arrangement before removal.
- Validate the restored equipment: Confirm 745 A TIM identity. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

SYSTEM COMPATIBILITY

Match A5E36717791 to the installed SINAMICS S120 / G150 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 manufacturer documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/A5E36717791>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM