

ROBICON PERFECT HARMONY DRIVES

Product Data Sheet

A5E01161647

PLUS inverter drive board

FUNCTION PLUS inverter drive board	FAMILY ROBICON Perfect Harmony drives	ORIGIN Germany	WEIGHT 0.38 kg
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Siemens SINAMICS A5E01161647 is a PLUS inverter drive board for the ROBICON Perfect Harmony drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	PLUS inverter drive board
Drive Family	ROBICON Perfect Harmony drives
Primary Function	Coordinates motor-control commands and IGBT feedback
Power Architecture	Digital converter electronics
Voltage Class	Installed drive class
Current Rating	Signal-level channel load
Control Supply	24 V DC control class
Power Section	Power-cell control section
Mechanical Design	Plug-in service assembly
Electrical Interface	IGBT and protection interfaces

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet cooling arrangement
Board Designation	A5E01161647 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

OFFICIAL APPLICATIONS

- Apply the|PLUS inverter control board: Use A5E01161647 to coordinate motor-control commands and IGBT feedback within the documented ROBICON Perfect Harmony drives. Confirm the assigned power-cell control section, electrical class and controlled drawing before work.
- Match the|IGBT and protection interfaces: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact A5E01161647 assembly. Preserve the documented PLUS inverter control board interface during exchange.
- Validate the|Run diagnostics and functional test: After installation, run diagnostics and functional test. Review Siemens diagnostics, record measured results and release the affected control or power function through the site procedure.

SYSTEM COMPATIBILITY

Match A5E01161647 to the installed ROBICON Perfect Harmony drives, 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=A5E01161647>

AMIKON PRODUCT SUPPORT

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