

ROBICON PERFECT HARMONY DRIVES

Product Data Sheet

A5E01161649

ROBICON power control board

FUNCTION ROBICON power control board	FAMILY ROBICON Perfect Harmony drives	ORIGIN Germany	WEIGHT 0.5 kg
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Siemens Robicon A5E01161649 is a ROBICON power control 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	ROBICON power control board
Drive Family	ROBICON Perfect Harmony drives
Primary Function	Controls and monitors power-cell switching within the medium-voltage drive
Power Architecture	Power-cell control electronics
Voltage Class	24 V DC control class
Current Rating	Cell-defined power rating
Power Section	Power-cell electronics section
Mechanical Design	Service circuit-board assembly
Electrical Interface	Gate, fibre and feedback interfaces
Commissioning Check	Check cell communication and firing response

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Apply the power-cell switching: Use A5E01161649 to controls and monitors power-cell switching within the medium-voltage drive within the documented ROBICON Perfect Harmony drives. Confirm the power-cell electronics section, electrical class and controlled drawing before work.
- Prepare the fibre communication path: Record gate, fibre and feedback interfaces, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact ROBICON power board arrangement during replacement.
- Complete the cell firing test: Check cell communication and firing response. Review Siemens diagnostics and record the final ROBICON power board result before returning the affected function to service.

SYSTEM COMPATIBILITY

Match A5E01161649 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 manufacturer documentation](#)

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

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM