

ROBICON PERFECT HARMONY DRIVES

Product Data Sheet

A5E00297617

IGD driver circuit board

FUNCTION	FAMILY	ORIGIN	WEIGHT
IGD driver circuit board	ROBICON Perfect Harmony drives	Germany	0.35 kg

Siemens Robicon A5E00297617 is a IGD driver circuit 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	IGD driver circuit board
Drive Family	ROBICON Perfect Harmony drives
Primary Function	Controls firing and feedback for installed power cells
Power Architecture	IGD gate-drive electronics
Voltage Class	24 V DC control class
Current Rating	Signal-level gate outputs
Power Section	Power-cell driver section
Mechanical Design	Service circuit-board assembly
Electrical Interface	Gate, feedback and fibre interfaces
Commissioning Check	Check gate pulses and cell feedback

- Apply the power-cell firing: Use A5E00297617 to controls firing and feedback for installed power cells within the documented ROBICON Perfect Harmony drives. Confirm the power-cell driver section, electrical class and controlled system drawing before work.
- Prepare the fibre feedback path: Record gate, feedback and fibre interfaces, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact ROBICON IGD board arrangement during replacement.
- Complete the cell diagnostic test: Check gate pulses and cell feedback. Review Siemens diagnostics and record the final ROBICON IGD board result before returning the affected function to service.

Match A5E00297617 to the installed ROBICON Perfect Harmony drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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