

SINAMICS PERFECT HARMONY DRIVE POWER CELLS

Product Data Sheet

A1A10000432.71M

Robicon cell control board

FUNCTION Robicon cell control board	FAMILY SINAMICS Perfect Harmony drive power	ORIGIN Germany	WEIGHT Confirm before dispatch
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Siemens SINAMICS A1A10000432.71M is a Robicon cell control board for the SINAMICS Perfect Harmony drive power cells. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	A1A10000432.71M
Product Class	Robicon Cell Control Board
Product Family	SINAMICS Perfect Harmony drive power cells
Control Supply	24 V DC or system backplane
System Interface	Manufacturer control backplane
Signal Processing	Cyclic real-time control
Diagnostics	Front-panel status indication
Configuration	Siemens engineering software
Isolation	Functional circuit isolation
Mounting	Keyed rack or drive slot

Protection Class	IP20 cabinet assembly
Operating Temperature	0 to +55 °C class
Commissioning Interface	System diagnostic channel

- Supervise test-stand control with Robicon Cell: At the control layer of the load actuators and measurement channels, A1A10000432.71M serves its documented function as a Robicon cell control board. During test-point transition, the system uses this function to move the test article through commanded operating points, helping it capture comparable results at each condition.
- Control reel and winder operation with Robicon Cell: At the control layer of the reels, slitters and winding drums, A1A10000432.71M supports the configured automation role as a Robicon cell control board. During roll change, the system uses this function to synchronize winding torque with roll diameter, helping it build a roll with controlled tension.
- Coordinate aeration-blower output with Robicon Cell: In the automation chain for the blower motors, air headers and oxygen-control loops, A1A10000432.71M operates in its approved product-family role as a Robicon cell control board. During oxygen-setpoint change, the system uses this function to coordinate blower speed with the required air delivery, helping it match aeration energy to treatment demand.

Match A1A10000432.71M to the installed SINAMICS Perfect Harmony drive power cells, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/A1A10000432.71M>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM