

ABB ROBOTS

Product Data Sheet

3HAC17335-1

industrial control board

FUNCTION industrial control board	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 8.56 kg
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ABB Robots 3HAC17335-1 is a industrial control board for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	3HAC17335-1
Product Family	ABB Robots
Component Type	Industrial Control Board
Assembly Class	ABB PCB assembly
System Interface	ABB Robots control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board
Signal Domain	Control and diagnostic signals
Service Position	Documented rack slot

ADDITIONAL PRODUCT DATA

Configuration Basis	Installed ABB hardware list
Replacement Basis	Exact article and board revision
Protective Check	ESD and protective-earth control
Commissioning Check	Power-up diagnostics and function test
Maintenance Identity	3HAC17335-1 controlled service identity

OFFICIAL APPLICATIONS

- Regulate machine-tool automation with Industrial Control: Inside the spindles, axes and tool changers, 3HAC17335-1 handles its designated signal or control duty as a industrial control board. During cycle start, the system uses this function to coordinate the equipment states required by the active cycle, helping it complete the machining step with traceable status.
- Stabilize powertrain assembly with Industrial Control: At the control layer of the machining cells and pallet systems, 3HAC17335-1 handles its designated signal or control duty as a industrial control board. During quality-hold release, the system uses this function to hand off part identity with the machine sequence, helping it retain traceability at the next operation.
- Regulate turbine auxiliary control with Industrial Control: As part of the lube-oil pumps and turning gear, 3HAC17335-1 supports the configured automation role as a industrial control board. During unit run-up, the system uses this function to coordinate permissives and auxiliary equipment states, helping it support a stable transition to rated operation.

SYSTEM COMPATIBILITY

Match 3HAC17335-1 to the installed ABB Robots, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Robots documentation](#)

<https://new.abb.com/control-systems>

AMIKON PRODUCT SUPPORT

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