

ABB ROBOTS

Product Data Sheet

3HAC029105-002

robot controller cooling fan

FUNCTION robot controller cooling fan	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.20 kg
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ABB Robots 3HAC029105-002 is a robot controller cooling fan for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Fan Type	Axial Cooling Fan
Fan Model	1238HH24B-WDB
Compatible Equipment	ABB Robot Controller Systems
Rated Voltage	24 VDC
Rated Current	0.7 A
Power Consumption	16.8 W
Air Flow	115 CFM (195.4 m³/h)
Exact Article Code	3HAC029105-002
Product Family	ABB Robots
Component Type	Robot Controller Cooling Fan

ADDITIONAL PRODUCT DATA

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

OFFICIAL APPLICATIONS

- Balance utility distribution with Robot Controller: At the control layer of the steam, cooling and instrument-air headers, 3HAC029105-002 operates in its approved product-family role as a robot controller cooling fan. During utility constraint, the system uses this function to prioritize process users from measured demand, helping it protect production continuity during the constraint.
- Stabilize boiler feedwater with Robot Controller: As part of the feed pumps and drum-level loops, 3HAC029105-002 performs its assigned control role as a robot controller cooling fan. During protective transfer, the system uses this function to balance flow demand with process inventory, helping it preserve the steam-water balance.
- Govern stock preparation with Robot Controller: Within the pulp chests and refiners, 3HAC029105-002 supports the configured automation role as a robot controller cooling fan. During grade change, the system uses this function to coordinate flow, consistency and equipment permissives, helping it deliver stable stock to the machine.

SYSTEM COMPATIBILITY

Match 3HAC029105-002 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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