

ABB ROBOTS

Product Data Sheet

3HAC025466-001

plug-in fan

FUNCTION plug-in fan	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.10 kg
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ABB Robots 3HAC025466-001 is a plug-in fan for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Application	IRC5 Robot Controller
Rated Voltage	24 V DC
Rated Current	0.14 A
Power Consumption	3.2 W
Operating Temperature (Fan)	0°C ... +45°C
Storage Temperature	-25°C ... +70°C
Relative Humidity	5% ... 95% (non-condensing)
Exact Article Code	3HAC025466-001
Product Family	ABB Robots
Component Type	Plug-In 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

- Control test-stand control with Plug In process control: As part of the load actuators and measurement channels, 3HAC025466-001 handles its designated signal or control duty as a plug-in fan. 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.
- Monitor cooling-water circulation with Plug In: As part of the circulating pumps and heat exchangers, 3HAC025466-001 provides its specified system function as a plug-in fan. During controlled shutdown, the system uses this function to sequence redundant equipment around the operating unit, helping it keep heat rejection available to the process.
- Control filtration backwash with Plug In process control: Inside the filter cells and backwash valves, 3HAC025466-001 supports the configured automation role as a plug-in fan. During filter loading, the system uses this function to sequence isolation, drain and rinse paths, helping it return the filter to production in a known state.

SYSTEM COMPATIBILITY

Match 3HAC025466-001 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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