

ABB ROBOTS

Product Data Sheet

3HNA023093-001

exact-order robotics spare part

FUNCTION exact-order robotics spare part	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.80 kg
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ABB Robots 3HNA023093-001 is a exact-order robotics spare part for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Product Portfolio	ABB Robotics
Reference Type	Complete ABB order number
Selection Basis	Product marking and installed equipment BOM
Compatibility Control	Verify through current ABB controlled documentation
Installation Control	Use the applicable ABB product manual
Service Documentation	ABB Robotics One
Exact Article Code	3HNA023093-001
Product Family	ABB Robots
Component Type	Exact-Order Robotics Spare Part
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

- Monitor machine-tool automation with Exact Order: Across the spindles, axes and tool changers, 3HNA023093-001 handles its designated signal or control duty as a exact-order robotics spare part. 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.
- Synchronize chemical dosing with Exact Order process control: In the automation chain for the metering pumps and contact tanks, 3HNA023093-001 operates in its approved product-family role as a exact-order robotics spare part. During dose-setpoint correction, the system uses this function to match reagent flow to the measured process load, helping it keep treatment chemistry inside its operating target.
- Balance aseptic filling with Exact Order process control: At the control layer of the fillers and container conveyors, 3HNA023093-001 handles its designated signal or control duty as a exact-order robotics spare part. During line-speed ramp, the system uses this function to keep container flow synchronized with filling demand, helping it move accepted containers toward inspection.

Match 3HNA023093-001 to the installed ABB Robots, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB Robots documentation](#)

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

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