

ABB ROBOTS

Product Data Sheet

3HAC040655-002

motor unit mu100

FUNCTION motor unit mu100	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 1.00 kg
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ABB Robots 3HAC040655-002 is a motor unit mu100 for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	3HAC040655-002
Product Family	ABB Robots
Component Type	Motor Unit Mu100
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

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	3HAC040655-002 controlled service identity

- Control order sorting with Motor Unit process control: During operation of the scanners, diverters and destination lanes, 3HAC040655-002 serves its documented function as a motor unit mu100. During priority order, the system uses this function to apply the current order priority to the routing decision, helping it complete the order path in the intended sequence.
- Maintain machine-tool automation with Motor Unit: For the coordinated operation of the spindles, axes and tool changers, 3HAC040655-002 performs its assigned control role as a motor unit mu100. 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.
- Supervise robotic joining with Motor Unit process control: In the automation chain for the robots, fixtures and clamp groups, 3HAC040655-002 supports the configured automation role as a motor unit mu100. During station restart, the system uses this function to confirm tooling readiness before the cycle starts, helping it prevent an incomplete joining cycle.

Match 3HAC040655-002 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](#)

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