

ABB ROBOTS

Product Data Sheet

3HAC030211-004

type c wrist axis spare

FUNCTION type c wrist axis spare	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 7.68 kg
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ABB Robots 3HAC030211-004 is a type c wrist axis spare for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Robot Family	IRB 4600
Component Type	Spare motor
Documented Axis Positions	Axes 4, 5 and 6
Documented Robot Variant	IRB 4600-20/2.55
Motor Table Classification	Type C / applicable installed design
Spare Motor Delivery	Pinion and O-ring included
Exact Article Code	3HAC030211-004
Product Family	ABB Robots
Assembly Class	ABB PCB assembly
System Interface	ABB Robots control interface

ADDITIONAL PRODUCT DATA

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

OFFICIAL APPLICATIONS

- Protect ingredient dosing with Type C process control: As part of the batch vessels and dosing valves, 3HAC030211-004 supports the configured automation role as a type c wrist axis spare. During batch release, the system uses this function to align measured quantities with the active batch step, helping it hold dosing accuracy through the cycle.
- Route order sorting with Type C process control: Across the scanners, diverters and destination lanes, 3HAC030211-004 provides its specified system function as a type c wrist axis spare. 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.
- Verify raw-water pumping with Type C process control: As part of the intake pumps and wet wells, 3HAC030211-004 handles its designated signal or control duty as a type c wrist axis spare. During peak-flow demand, the system uses this function to coordinate pump duty and level response, helping it maintain hydraulic continuity.

SYSTEM COMPATIBILITY

Match 3HAC030211-004 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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