

ABB ROBOTS

Product Data Sheet

3HAC058399-003

abb spare part

FUNCTION	FAMILY	ORIGIN	WEIGHT
abb spare part	ABB Robots	Sweden	0.80 kg

ABB Robots 3HAC058399-003 is a abb spare part for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

ABB category	Parts
Exact Article Code	3HAC058399-003
Product Family	ABB Robots
Component Type	Abb 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

ADDITIONAL PRODUCT DATA

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

OFFICIAL APPLICATIONS

- Govern automated storage during buffer release: For the coordinated operation of the stacker cranes and storage positions, 3HAC058399-003 handles its designated signal or control duty as a spare part. During buffer release, the system uses this function to release material according to downstream availability, helping it prevent overfilling the next buffer.
- Control press sequencing with Spare Part process control: For the coordinated operation of the feed systems, dies and safety interfaces, 3HAC058399-003 handles its designated signal or control duty as a spare part. During part change, the system uses this function to apply the selected product recipe to the sequence, helping it produce the intended part without skipping an interlock.
- Coordinate powertrain assembly with Spare Part: For the coordinated operation of the machining cells and pallet systems, 3HAC058399-003 operates in its approved product-family role as a spare part. During quality-hold release, the system uses this function to hand off part identity with the machine sequence, helping it retain traceability at the next operation.

SYSTEM COMPATIBILITY

Match 3HAC058399-003 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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