

ABB ROBOTS

Product Data Sheet

3HAC028954-004/03

industrial motor

FUNCTION industrial motor	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 23.65 kg
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ABB Robots 3HAC028954-004/03 is a industrial motor for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	3HAC028954-004/03
Product Family	ABB Robots
Component Type	Industrial Motor
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	3HAC028954-004/03 controlled service identity

- Manage ingredient dosing during batch release: At the control layer of the batch vessels and dosing valves, 3HAC028954-004/03 serves its documented function as a industrial motor. 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.
- Protect turbine auxiliary control with Industrial Motor: In the automation chain for the lube-oil pumps and turning gear, 3HAC028954-004/03 operates in its approved product-family role as a industrial motor. During unit run-up, the system uses this function to coordinate permissives and auxiliary equipment states, helping it support a stable transition to rated operation.
- Route pallet transfer with Industrial Motor process control: Within the turntables, lifts and shuttle cars, 3HAC028954-004/03 operates in its approved product-family role as a industrial motor. During blocked-zone recovery, the system uses this function to re-establish the transfer path after the obstruction clears, helping it resume flow without losing tracking data.

Match 3HAC028954-004/03 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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