

ABB ROBOTS

Product Data Sheet

3HNA018784-001

robot spare part

FUNCTION robot spare part	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.80 kg
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ABB Robots 3HNA018784-001 is a robot spare part for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

ABB catalog association	IRB 5330 Paint External Axis Kit
ABB category	Spare Parts (IRB 5330 Paint External Axis Kit)
Exact Article Code	3HNA018784-001
Product Family	ABB Robots
Component Type	Robot 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
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

- Route body transfer with Robot Spare process control: During operation of the skid conveyors and lift stations, 3HNA018784-001 handles its designated signal or control duty as a robot spare part. During model change, the system uses this function to coordinate motion requests and station interlocks, helping it keep the assembly takt moving.
- Regulate ingredient dosing with Robot Spare process control: During operation of the batch vessels and dosing valves, 3HNA018784-001 provides its specified system function as a robot spare part. 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 machine-tool automation with Robot Spare: Inside the spindles, axes and tool changers, 3HNA018784-001 handles its designated signal or control duty as a robot 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.

Match 3HNA018784-001 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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