

ABB ROBOTS

Product Data Sheet

3HAC058991-004

irb 760 common spare part

FUNCTION irb 760 common spare part	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.80 kg
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ABB Robots 3HAC058991-004 is a irb 760 common spare part for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Product Model	3HAC058991-004
ABB Product Category	Common Spare Parts (IRB 760)
Robot Family	IRB 760
Spare Part Class	Common Spare Part
Product Portfolio	ABB Robotics
Official Product Record	ABB Global product search
Robot Configuration	Four-axis articulated robot family
Family Applications	Palletizing and press tending
Controlled Documentation	ABB Robotics One
Product Family	ABB Robots

ADDITIONAL PRODUCT DATA

Component Type	Irb 760 Common 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

OFFICIAL APPLICATIONS

- Integrate conveyor routing during route change: For the coordinated operation of the zone conveyors and merge points, 3HAC058991-004 supports the configured automation role as a irb 760 common spare part. During route change, the system uses this function to coordinate destination data with equipment permissives, helping it move the item to the assigned process.
- Supervise test-stand control with Irb 760 process control: In the automation chain for the load actuators and measurement channels, 3HAC058991-004 performs its assigned control role as a irb 760 common spare part. During test-point transition, the system uses this function to move the test article through commanded operating points, helping it capture comparable results at each condition.
- Integrate powertrain assembly with Irb 760 process control: For the coordinated operation of the machining cells and pallet systems, 3HAC058991-004 performs its assigned control role as a irb 760 common 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 3HAC058991-004 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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