

3HAC14551-2

ABB Robotics capacitor unit C3

The 3HAC14551-2 is an ABB ABB Robotics capacitor unit C3. It supports the documented IRC5 drive/controller power architecture and must be matched to the controller configuration.

Manufacturer	ABB / Elsas Bailey
Complete model	3HAC14551-2
Product description	ABB Robotics capacitor unit C3
Prepared by	Apter Power
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Revision / issue	R1 / 2026-08-26

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SCAN FOR PRODUCT &
QUOTE

3HAC14551-2

1. Product overview and identity

The 3HAC14551-2 is an ABB ABB Robotics capacitor unit C3. It supports the documented IRC5 drive/controller power architecture and must be matched to the controller configuration.

System function

Supports the documented IRC5 drive/controller power architecture and must be matched to the controller configuration.

Verified technical information

Parameter	Verified value
Manufacturer	ABB
Complete model	3HAC14551-2
Verified product description	ABB Robotics capacitor unit C3
System function	supports the documented IRC5 drive/controller power architecture and must be matched to the controller configuration
Direct field signals	See exact manufacturer manual and installed-system drawings
Revision / option status	Verify complete physical nameplate
Unpublished values	Not inferred

2. Integration and verification

Signals and data handled

Signal types and electrical ratings are defined by the cited manufacturer document and the installed-system configuration. Values not stated for this exact complete identifier are intentionally omitted.

Companion components

Use only the controller, rack, terminal unit, cable, sensor, actuator or power components explicitly documented for the installed ABB system and revision.

Common industrial applications

Industrial automation, process control, machinery, utilities or robotics installations using the named ABB product family; exact use depends on the approved system design.

Product precautions

- The accessible ABB material does not establish a complete functional specification for this exact identifier; obtain the product-specific ABB record or nameplate before use.
- Match the complete model, order code, revision and physical construction before installation or replacement.
- Use only the electrical ratings, wiring and environmental limits stated in the applicable ABB document.
- Record the existing configuration and test every affected signal, communication path and safety function before release.

Manufacturer source PDFs

Manufacturer document	Direct PDF
ABB manufacturer document / product-family reference	Open PDF in a new window

Only information traceable to the cited ABB/Elsag Bailey documents is stated. Missing values are intentionally not inferred. Confirm the complete nameplate, revision, approvals, wiring and current manufacturer instructions before installation or replacement.