ABB 3BHE023584R1032 PPD113 B03-10-151000

TECHNICAL REFERENCE / EXACT-MODEL ENGINEERING DOSSIER

ABB 3BHE023584R1032 PPD113 B03-10-151000 is a power converter controller identified for the ABB AC 800PEC power-conversion control platform. The complete order code, hardware execution and installed configuration must be matched together before replacement.

01 Product position

Complete identity	3BHE023584R1032 PPD113 B03-10-151000
Engineering role	Power Converter Controller
System context	ABB AC 800PEC power-conversion control platform
Evidence boundary	The complete material reference and controller designation identify the offered assembly; platform functions are stated only as AC 800PEC context.

Decision snapshot

Identity control

Compare 3BHE023584R1032 PPD113 B03-10-151000 with the installed label and the applicable ABB documentation.

Interface control

Photograph and label the carrier, terminals, cables and keying before removal.

Configuration control

Archive the applicable ABB AC 800PEC power-conversion control platform project or hardware settings before replacement.

Acceptance control

Use an approved functional test and retain the as-left diagnostic and acceptance evidence.

02 Verified technical data

The complete material reference and controller designation identify the offered assembly; platform functions are stated only as AC 800PEC context.

Complete order code	3BHE023584R1032 PPD113 B03-10-151000
Equipment role	Power Converter Controller
System context	ABB AC 800PEC power-conversion control platform
ABB material reference	3BHE023584R1032
Controller designation	PPD113 B03-10-151000
Configuration boundary	Loaded converter application and connected interfaces must be verified

Installed-system relationship

The complete 3BHE023584R1032 PPD113 B03-10-151000 marking identifies the offered power converter controller. Record the removed assembly label, its host position and the connected hardware before work starts so that the supplied item is compared with the actual installed boundary rather than with a shortened family name.

Within the ABB AC 800PEC power-conversion control platform, this item must be evaluated together with its carrier, terminals, cables and project configuration. Preserve the as-found interface map and revision information; a mechanically similar item is not automatically an electrical or software equivalent.

03 Integration and diagnostic logic

Installed-system replacement

Compare the exact order code, host position and connected interfaces with the removed item.

Planned maintenance

Capture the as-found label, status and configuration before disturbing the installation.

Controlled commissioning	Spare qualification
Restore documented connections and prove the intended signal, communication or control response.	Keep revision, configuration and acceptance evidence with the spare-part record.

Fault-isolation starting points

What configuration boundary matters when commissioning 3BHE023584R1032 PPD113 B03-10-151000?	Use the approved ABB AC 800PEC power-conversion control platform project and the exact hardware or assembly revision. Do not treat physical fit as proof that the stored configuration and interface assignment are correct.
How can a suspected 3BHE023584R1032 PPD113 B03-10-151000 fault be separated from field wiring or carrier faults?	Check supply and reference conditions first, then inspect the carrier, connectors and external wiring. Move to a controlled substitution only after the upstream and downstream paths have been documented.
What should be verified after fitting 3BHE023584R1032 PPD113 B03-10-151000 to the installed system?	Confirm normal status indications, communication or signal continuity and the intended control response under an approved test state. Record the as-left state and compare it with the approved acceptance baseline.

04 Engineering questions and evidence

How should 3BHE023584R1032 PPD113 B03-10-151000 be identified before a replacement is approved?	Compare every token in the complete marking, the installed position and the documented power converter controller role. Confirm the 3BHE023584R1032 PPD113 B03-10-151000 marking and the installed ABB AC 800PEC power-conversion control platform position.
What installed-system evidence should be retained before removing 3BHE023584R1032 PPD113 B03-10-151000?	Record the slot or mounting position, connected interfaces, status indications and the current ABB AC 800PEC power-conversion control platform configuration. Photograph the complete label before disconnecting anything.
How should the interfaces for 3BHE023584R1032 PPD113 B03-10-151000 be checked during installation?	Map each connected interface to the as-found record and the applicable manufacturer documentation. Keep connector, keying and terminal assignments consistent with the as-found record.
What configuration boundary matters when commissioning 3BHE023584R1032 PPD113 B03-10-151000?	Use the approved ABB AC 800PEC power-conversion control platform project and the exact hardware or assembly revision. Do not treat physical fit as proof that the stored configuration and interface assignment are correct.
How can a suspected 3BHE023584R1032 PPD113 B03-10-151000 fault be separated from field wiring or carrier faults?	Check supply and reference conditions first, then inspect the carrier, connectors and external wiring. Move to a controlled substitution only after the upstream and downstream paths have been documented.
What should be verified after fitting 3BHE023584R1032 PPD113 B03-10-151000 to the installed system?	Confirm normal status indications, communication or signal continuity and the intended control response under an approved test state. Record the as-left state and compare it with the approved acceptance baseline.
Can 3BHE023584R1032 PPD113 B03-10-151000 be replaced by a similar-looking assembly?	No direct equivalence is established by appearance. Compare the complete order code, revision, interface execution and system configuration before approving an alternative.
What handover record is appropriate after work on 3BHE023584R1032 PPD113 B03-10-151000?	Retain the offered and removed markings, connection photographs, configuration record, diagnostic observations, functional test result and any unresolved exception.

Evidence and applicability

ABB AC 800PEC platform documentation and the complete supplied marking. The complete material reference and controller designation identify the offered assembly; platform functions are stated only as AC 800PEC context.

Acceptance evidence matrix

Complete marking	Record the offered and removed complete identities and revision evidence.
Physical interface	Retain carrier, connector, terminal and cable photographs.
Configuration	Archive the approved project, node, address or hardware-setting record as applicable.
Diagnostics	Save the initial and as-left status indications or diagnostic observations.
Functional proof	Record the approved test state, expected response and observed result.

Open exceptions	List unresolved interface, configuration or test exceptions before handover.

Technical notes

Evidence scope	The complete material reference and controller designation identify the offered assembly; platform functions are stated only as AC 800PEC context.
Installation boundary	The exact installed carrier, terminals, cables and project configuration remain site-specific.
Technical reference	ABB AC 800PEC platform documentation and the complete supplied marking

Discuss the complete marking with Apter Power
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Related product references

Catalogue navigation only; these references are not identified as substitutes or compatibility claims.

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