HIEE300550R1 PPB022 CEV01

Exact-identity installation and commissioning guide

PRODUCT SCOPE

ABB HIEE300550R1 PPB022 CEV01 is a legacy PP B022 CE V01 processor-board assembly identified for service in an installed ABB process-control system. It is handled as an exact-identity replacement with the rack position and board revision documented before exchange.

Verified installation basis

Manufacturer	ABB
Legacy order number	HIEE300550R1
Complete board marking	PPB022 CEV01
Normalized board designation	PP B022 CE V01
Component class	Processor board assembly
Lifecycle status	Legacy product identity
Later catalog reference	HIEE300867R0001

Verified related ApterPower product pages

ABB DI811 3BSE008552R1

ABB TU831V1 3BSE013235R1

Pre-work control

Record the installed system before any disconnection

Required checks

- Record HIEE300550R1, PPB022 CEV01 and every visible revision marking.
- Place the controller and affected process function in the approved maintenance state.
- Back up the available application and cabinet records before removing the board.
- Photograph the rack position, connectors, jumpers and adjacent assemblies.
- Do not transfer electrical ratings from a PP B022 variant with a different suffix.
- Inspect contacts, retainers and mating connectors before seating any replacement.

HOLD POINT

Confirm the complete HIEE300550R1 PPB022 CEV01 marking, installed rack position and approved replacement record before work.

Evidence to retain

- Complete product and installed-unit marking.
- Approved project, wiring and cabinet records.
- As-found connector, cable, address and diagnostic state.
- Acceptance plan and final results.

Verified related ApterPower product pages

ABB DSBC174 3BSE012211R1

ABB SR511 3BSE000863R1

Installation sequence

Use the approved manufacturer procedure and site work controls

1 IDENTIFY

Record HIEE300550R1, PPB022 CEV01 and every visible revision marking.

2 ISOLATE

Place the controller and affected process function in the approved maintenance state.

3 RECORD

Back up the available application and cabinet records before removing the board.

4 VERIFY

Photograph the rack position, connectors, jumpers and adjacent assemblies.

5 INSTALL

Do not transfer electrical ratings from a PP B022 variant with a different suffix.

6 RESTORE

Inspect contacts, retainers and mating connectors before seating any replacement.

CONFIGURATION CONTROL

The order number and complete PP B022 CE V01 marking must be captured together because shortened descriptions do not resolve the installed board revision. Public catalog records identify the assembly as a processor board and reference HIEE300867R0001 PP B022 DE01 as a later replacement record for the old HIEE300550R1 identifier. That lifecycle relationship does not remove the need to verify rack position, connectors, firmware or application data against the installed cabinet documentation before procurement and replacement.

Verified related ApterPower product pages

ABB 07DI92

ABB 07KT92 GJR5250500R0902

Commissioning and acceptance

Return each affected function to its approved state

Identity	Record HIEE300550R1, PPB022 CEV01 and every visible revision marking.
Configuration	Inspect contacts, retainers and mating connectors before seating any replacement.
Physical installation	Require an engineering comparison before applying the later PP B022 DE01 reference.
Functional acceptance	Complete the approved functional test and document both identities before release.
Diagnostics	Confirm that no unexplained product, communication or system diagnostic remains.
Release record	Document the final configuration, observed states, test results and responsible technician.

Verified related ApterPower product pages

- ABB 07KR91 GJR5250000R0101
- ABB 07KP90 GJR5251000R0202
- ABB SPAJ140C
- ABB SPAM150C

Handover record

Traceable evidence for the installed product

Final acceptance

- Do not transfer electrical ratings from a PP B022 variant with a different suffix.
- Inspect contacts, retainers and mating connectors before seating any replacement.
- Require an engineering comparison before applying the later PP B022 DE01 reference.
- Complete the approved functional test and document both identities before release.

Manufacturer evidence used

- Multiple exact-order catalog records confirming HIEE300550R1 and the PP B022 CE processor-board identity.
- Exact marking cross-check for the PP B022 CE V01 board revision.
- Lifecycle catalog record identifying HIEE300550R1 as an old product ID associated with HIEE300867R0001 PP B022 DE01.

Verified related ApterPower product pages

ABB CMA130 3DDE300410

ABB PM864AK01 3BSE018161R1

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