HIEE300550R1 PPB022 CEV01

Processor Board

PUBLISHED IDENTITY

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.

Technical snapshot

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
Later board designation	PP B022 DE01

Verified related ApterPower product pages

ABB DI811 3BSE008552R1

ABB TU831V1 3BSE013235R1

Engineering data

Official evidence organized for exact-model review

Manufacturer	ABB	**Lifecycle status**	Legacy product identity
Legacy order number	HIEE300550R1	**Later catalog reference**	HIEE300867R0001
Complete board marking	PPB022 CEV01	**Later board designation**	PP B022 DE01
Normalized board designation	PP B022 CE V01	**Replacement relationship**	HIEE300550R1 listed as an old product ID
Component class	Processor board assembly	**Service control**	Installed revision and cabinet record required

More verified ApterPower product pages

- ABB 07EB62R1 GJV3074342R1
- ABB 07KP60R101 GJV3074360R101
- ABB 07NG61R1 GJV3074311R1
- ABB 07PS62R2 GJV3074332R2
- ABB DSMB178 IN5730-1001-Y
- ABB CI545V01 3BSE011063R1

EVIDENCE BOUNDARY

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

Applications and system role

Four distinct documented operating contexts

LEGACY PROCESSOR-BOARD REPLACEMENT

Supports exact-identity maintenance where HIEE300550R1 and PP B022 CE V01 are both present on the installed assembly.

CONTROL-RACK RESTORATION

Re-establishes the documented processor-board position after connector orientation and adjacent hardware are recorded.

LIFECYCLE MIGRATION PLANNING

Provides the legacy identity needed to evaluate the later HIEE300867R0001 PP B022 DE01 catalog reference.

MAINTENANCE RECORD CONTROL

Keeps the old and proposed replacement identifiers traceable through engineering review and acceptance testing.

Integration 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 DSBC174 3BSE012211R1

ABB SR511 3BSE000863R1

Technical questions

Complete model-specific answers from the approved evidence set

What does HIEE300550R1 PPB022 CEV01 identify?

HIEE300550R1 PPB022 CEV01 identifies a legacy ABB PP B022 CE V01 processor-board assembly.

Why must the full PPB022 CEV01 marking be recorded?

The complete marking preserves the installed board revision and prevents a different PP B022 suffix from being treated as the same assembly.

Which later catalog reference is linked to HIEE300550R1?

A later catalog record for HIEE300867R0001 PP B022 DE01 lists HIEE300550R1 as an old product identifier.

Does the later PP B022 DE01 reference prove a direct drop-in replacement?

The catalog relationship identifies a lifecycle link, but engineering must still compare the installed rack, connectors, firmware and application before replacement.

What installation evidence should be captured before removal?

Technicians should record the rack position, connector orientation, jumpers, adjacent boards, cabinet drawing and every visible revision marking.

How is the replacement accepted after installation?

The replacement is accepted only after the approved controller diagnostics and process functional tests pass and the maintenance record contains both legacy and replacement identities.

Product precautions

Eight aligned controls before return to service

1. Record HIEE300550R1, PPB022 CEV01 and every visible revision marking.
2. Place the controller and affected process function in the approved maintenance state.
3. Back up the available application and cabinet records before removing the board.
4. Photograph the rack position, connectors, jumpers and adjacent assemblies.
5. Do not transfer electrical ratings from a PP B022 variant with a different suffix.
6. Inspect contacts, retainers and mating connectors before seating any replacement.
7. Require an engineering comparison before applying the later PP B022 DE01 reference.
8. Complete the approved functional test and document both identities before release.

Verified related ApterPower product pages

- ABB 07DI92
- ABB 07KT92 GJR5250500R0902
- ABB 07KR91 GJR5250000R0101
- ABB 07KP90 GJR5251000R0202

Evidence and support

Manufacturer references, related products and direct contact

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 SPAJ140C

ABB SPAM150C

ABB CMA130 3DDE300410

ABB PM864AK01 3BSE018161R1

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