# CI626A 3BSE005023R1

Advant Bus Administrator Board

ABB CI626A 3BSE005023R1 Advant Bus Administrator Board with exact-model technical data, controlled replacement guidance and product-specific verification records.

## CI626A 3BSE005023R1 configuration dashboard

### I/O-bus administration

The board coordinates the installed bus relationship rather than serving as a generic field I/O module.

### Rack-held compatibility

Backplane, adjacent boards, firmware and controller database form the replacement boundary.

### Diagnostic-led restoration

Bus health and representative remote I/O are proven before process release.

### Exact order-code identity

| | |
|---|---|
| **Complete product reference** | CI626A 3BSE005023R1 |
| **Product type** | Advant Bus Administrator Board |
| **System platform** | ABB Advant S800 I/O installed base |
| **Type designation** | CI626A |
| **ABB article number** | 3BSE005023R1 |
| **Board class** | Bus administrator board |
| **System context** | Advant S800 I/O installed base |
| **Installation format** | Rack-mounted control board |

CI626A 3BSE005023R1 identifies an ABB Advant bus administrator board used in an installed S800 I/O context.

## Advant Bus Administrator Board technical capability map

| | |
|---|---|
| **Bus boundary** | Installed I/O bus and backplane |
| **Revision boundary** | All hardware and firmware markings |
| **As-found evidence** | Slot, adjacent boards and connector map |
| **Replacement basis** | Complete marking and installed-system evidence |

| | |
|---|---|
| **Configuration boundary** | Controller database and I/O assignments |
| **Replacement basis** | Type, article, revision and rack execution |
| **Commissioning basis** | Bus diagnostics and representative I/O |

### Installed signal or connection path




### System interpretation boundary

The board’s exact function depends on the rack, connected bus, controller database and hardware revision. Generic Ethernet or serial specifications from unrelated CI626 listings are excluded.

Before removal, back up the controller configuration and record slot, connectors and diagnostics. After replacement, verify bus recognition and representative I/O without changing the approved database.

## Application fit decisions for CI626A 3BSE005023R1

**Advant I/O bus administration**

Restore the documented bus and rack relationship.

**Remote I/O maintenance**

Preserve controller database, node and slot records.

**Bus fault isolation**

Separate board, backplane, cable and remote-station causes.

**Installed-base spare matching**

Compare CI626A, article number and complete revision labels.

### Engineering decision matrix

| | |
|---|---|
| **How should rack compatibility be verified for CI626A 3BSE005023R1?** | Match the CI626A type, 3BSE005023R1 article number, board revision, slot and backplane execution. |
| **Which controller records must be backed up before replacing CI626A 3BSE005023R1?** | Save the controller database, I/O assignments, bus parameters and active application version. |
| **How should remote I/O relationships be documented for CI626A 3BSE005023R1?** | Record connected bus segments, station identities, node addresses and representative channel assignments. |
| **What adjacent-board information matters when installing CI626A 3BSE005023R1?** | Photograph the rack and record neighboring boards, connectors and cable routes that define the installed bus arrangement. |

Applications must be evaluated against the exact installed machine drawing, target, companion hardware and receiving channel. Related product references do not imply substitution.

## CI626A 3BSE005023R1 service controls and maintenance logic

### Back up the controller database

Retain I/O assignments, bus parameters and active application.

### Capture the rack execution

Record slot, backplane, adjacent boards and connectors.

### Map remote stations

Preserve node addresses, bus segments and representative channels.

### Match hardware revisions

Compare CI626A, article number and all revision labels.

### Start with bus diagnostics

Verify recognition and stable communication before process enable.

### Prove representative I/O

Confirm selected inputs and outputs without changing the approved database.

## Additional technical questions

| | |
|---|---|
| **How can a bus diagnostic after replacing CI626A 3BSE005023R1 be isolated?** | Compare rack power, backplane seating, bus cabling, station status and controller database before altering remote I/O. |
| **Why must the hardware and firmware markings of CI626A 3BSE005023R1 be retained?** | Revision compatibility belongs to the complete board and rack execution, not to the CI626A type name alone. |
| **What controlled startup sequence applies to CI626A 3BSE005023R1?** | Restore the approved database, verify board recognition and bus health, then enable representative remote I/O in a controlled sequence. |

| | |
|---|---|
| **What proves functional acceptance of CI626A 3BSE005023R1?** | Require stable bus diagnostics and correct operation of representative inputs and outputs without unapproved database changes. |

## Technical notes

| | |
|---|---|
| **Exact identity** | CI626A 3BSE005023R1 |
| **Documented function** | Advant Bus Administrator Board |
| **Technical evidence** | ABB installed-base CI626A / 3BSE005023R1 hardware identification |
| **Verification boundary** | Confirm the complete marking and installed ABB Advant S800 I/O installed base arrangement before selection |

# CI626A 3BSE005023R1 source record and supported references

| | |
|---|---|
| **Manufacturer reference** | ABB installed-base CI626A / 3BSE005023R1 hardware identification |
| **Applicability** | Facts are limited to the exact order-code selections and stated matched-system conditions. |
| **Public page** | Exact product page linked from the first-page model title |
| **Evidence boundary** | No neighboring-model option or unsupported lifecycle conclusion is assigned to this product. |

## Verified related product references and contact

| | |
|---|---|
| Recommended product | ABB DSQC406 3HAC035301-001 |
| Recommended product | ABB DSQC604 3HAC12928-1 |
| Recommended product | ABB DSQC608 3HAC12934-1 |
| Recommended product | ABB DSQC611 3HAC13389-2 |
| Recommended product | ABB DSQC652 3HAC025917-001 |

**Discuss the exact marking and installed relationship with Apter Power.**
sales13@apterpower.com | +86 18030235313