

ABB CI626V1 3BSE012868R1

Fieldbus Interface / Work scope and retained evidence

The installation record captures cable identity, termination, grounding, station configuration and the two-path test method.

PREPARATION 1

Read CI626V1 and 3BSE012868R1 from the installed record.

PREPARATION 2

Place the controller and connected process in the approved maintenance state.

PREPARATION 3

Record cable A and cable B, BNC positions and termination points.

PREPARATION 4

Capture database elements, station address and timeout settings.

Retain	Exact label, position and approved configuration
Protect	Personnel, process, contacts and field circuits
Record	Wiring, addresses, project and observed baseline
Release	Only after witnessed diagnostics and functional checks

Pre-work boundary

No conductor, memory device, network setting or terminal position is changed until its installed identity has been captured in the maintenance record.

Work package	Exact ABB CI626V1 3BSE012868R1 scope
System owner	Responsible person for the affected Advant Fieldbus 100 installation
Backup owner	Named custodian of the validated software or configuration copy
Field witness	Person confirming conductor, connector and terminal identity
Release witness	Person approving diagnostics and the final functional test

READY TO REMOVE

Isolation, backups, labels and baseline observations are complete.

NOT READY

Any unresolved identity, connection or project discrepancy stops the work.

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Fieldbus Interface / Mechanical and electrical preparation

FIELD CONTROL 1

Remove interface and media power according to the approved procedure.

FIELD CONTROL 2

Inspect coaxial connectors, 75-ohm terminations and cable grounding.

FIELD CONTROL 3

Restore redundant paths to their recorded connectors and configuration.

FIELD CONTROL 4

Prove both media paths and retain fieldbus diagnostics before release.

Identity check	CI626V1 3BSE012868R1
Configuration set	Project, channel, address or interface data retained
Physical record	Slot, terminal, connector and cable positions captured
Energy control	Rack, field and connected process sources isolated
Handling	Grounded ESD and protected contacts
Inspection	No contamination, damage or loose termination

Installation decision

Proceed only when the replacement identity and every required restoration record are available at the work location.

Mechanical fit	Mounting, rack seating, cutout or terminal mating confirmed
Electrical fit	Supply, polarity, commons, ranges and protection checked
Information fit	Addresses, project, memory or runtime application retained
Environmental fit	Enclosure, grounding, contamination and cable condition reviewed
Service fit	Test equipment, approved procedure and rollback plan available

PRE-ENERGIZATION HOLD

Keep CI626V1 3BSE012868R1 de-energized until every fit check is signed.

RESTORATION BASIS

Return connections and configuration to the captured approved baseline only.

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Fieldbus Interface / Controlled restoration

1 / isolate	Apply the approved machine, rack and field energy controls.
2 / capture	Record exact identity, connections, software and observed baseline.
3 / exchange	Protect contacts and restore the documented physical arrangement.
4 / configure	Apply only the validated project, addresses, ranges or runtime files.
5 / diagnose	Review module, network and system indicators before operation.
6 / prove	Witness each required field response and retain the acceptance record.

STOP CONDITION

Pause when an identifier, conductor, project or interface does not match the approved record.

ESCALATION

Resolve discrepancies through engineering review before power or process control is restored.

Controlled restoration

For CI626V1 3BSE012868R1, restoration is controlled as a chain: captured physical arrangement, validated configuration, correct seating or termination, healthy diagnostics and proven system response.

Visual inspection	No bent contacts, damaged threads, contamination or trapped conductor
Connection inspection	Every connector, screw or memory device is fully seated
Configuration inspection	Loaded revision and settings match the retained baseline
Diagnostic inspection	Status indications are interpreted before field operation
Functional inspection	Required response is proved without bypassing safeguards

ROLLBACK POINT

Stop and return to the safe state if any restoration check fails.

TRACEABILITY

Attach readings, screenshots or observations to the CI626V1 3BSE012868R1 work order.

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Fieldbus Interface / Commissioning sequence

Pre-work	Identity, backups, wiring and energy controls complete
Post-install	Seating, terminals, grounding and configuration verified
Diagnostics	Relevant module, network and system status reviewed
Functional proof	Required inputs, outputs, communications or HMI actions witnessed
Handover	Exceptions, measurements and restored revision recorded

Commissioning questions

What is ABB CI626V1 3BSE012868R1?

It is the Advant Fieldbus 100 interface used with Advant Controller 110 and 160.

Does ABB CI626V1 3BSE012868R1 support redundant media?

Yes. ABB documents full redundant-media support.

What cable basis applies to ABB CI626V1 3BSE012868R1?

The manual describes 75-ohm coaxial media and a published 700 m segment capability under stated network conditions.

How is redundant operation checked for ABB CI626V1 3BSE012868R1?

Test each approved media path separately while monitoring fieldbus and controller diagnostics.

Which connectors does ABB CI626V1 3BSE012868R1 use?

The official manual identifies coaxial connectors and integrated modem functions.

How does CI626 differ from ABB CI626V1 3BSE012868R1?

ABB identifies CI626 as having reduced redundancy and as replaced by CI626V1.

What network record must be kept for ABB CI626V1 3BSE012868R1?

Retain station address, database elements, timeout settings, cable identity, termination and grounding.

Can the two coaxial cables be grounded independently?

ABB instructs redundant cables to be grounded at the same single grounding location.

Decision closeout

Close the CI626V1 3BSE012868R1 work order with isolation removal, restored settings, inspection results and every required functional witness documented.

Question coverage	Identity, function, configuration and field handling addressed
Open item	Any unanswered exact-model point is listed without guessed data
Decision owner	Responsible engineering or maintenance role identified
Supporting record	Drawing, project revision, readings and witnessed result attached

APPROVAL

The CI626V1 3BSE012868R1 decision is accepted only within the documented scope.

REVIEW TRIGGER

A different suffix, wiring arrangement, project or application requires a new review.

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Fieldbus Interface / Handover and support

Work identity	ABB CI626V1 3BSE012868R1
Precondition	Safe state plus complete restoration record
Installation evidence	Position, terminals, cables, settings and software baseline
Commissioning evidence	Diagnostics plus witnessed functional result
Handover	Recorded revision, exceptions and responsible approval
Retained evidence	Nameplate, source title, configuration baseline and field record
Installation evidence	Isolation, conductor/connector record and post-work inspection
Commissioning evidence	Diagnostics, measurements and intended response
Final record	Responsible witness, date, exceptions and approved disposition

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

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MANUFACTURER EVIDENCE RECORD

ABB Advant Fieldbus 100 User Manual

3BSE000506-600, CI626V1 equipment and media sections

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Send the exact model, quantity, destination and requested condition for a quotation.

