

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB DSBC174 3BSE012211R1

Product Reference

ABB Advant bus-extender slave product reference

DOCUMENT SCOPE

Independent Apter Power manual limited to verified identity evidence and any directly relevant ABB sources listed in this document. No product photograph is included.

Product / lookup identity	ABB DSBC174 3BSE012211R1
Reference number	DSBC174 3BSE012211R1
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/dsbc174-3bse012211r1>
Apter Power contact

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Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

ABB DSBC174 is an evidence-bounded Advant bus-extender slave. Compatibility boundary: DSBC174 is not DSBC173A; the latter is used in intermediate units and is not an alias or automatic substitute. System context: ABB Advant bus-extender slave product reference.

Published field	Manufacturer-published value or verified identity note
Model	DSBC174
Requested part label	3BSE012211R1 – verify nameplate
Role	Bus extender slave in the last unit
Distinct model	DSBC173A is for intermediate units
Verification Status	Verified Model Requested Part Gate

System function and signal path

01	System Inputs: Advant bus-extender slave
02	Processing: DSBC174 is not DSBC173A; the latter is used in intermediate units and is not an alias or automatic substitute.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and maintenance planning for ABB DSBC174.

2 Compatibility review: Compares the exact model, part label, rack, companion hardware, cable and terminal unit before replacement.

3 Installation planning: Defines the documentation, isolation, wiring and configuration checks required before field work.

4 Commissioning and troubleshooting: Supports controlled channel, communication, diagnostic, alarm and fail-state verification after work.

Frequently asked questions

Is ABB DSBC174 compatible with my installed controller or rack?	Compatibility is not decided by the model name alone. Match the full label, host family, rack, terminal unit, cable, firmware and project documentation.
What information should I provide with an RFQ?	Provide clear photos of the complete nameplate, front and rear connectors, installed rack/slot, companion hardware and the current project or wiring document reference.
Can this item replace a similar ABB model or suffix?	Not automatically. A sibling, revised suffix, predecessor or successor must be treated as distinct until ABB documentation and the installed project confirm the substitution.
Which applications are appropriate for this product?	Use it only in the ABB host system, rack position, terminal unit and process function shown in approved project documentation.
What must an engineer verify before installation?	Verify isolation, rack position, power, keying, terminal unit, cable, connector, channel mapping, firmware and configuration backup.
Can it be installed or removed while energized?	Treat the module as non-hot-swappable unless the exact ABB hardware manual and site procedure explicitly permit energized replacement.

Official ABB sources

ABB Compact Control Builder AC 800M Product Guide	https://library.e.abb.com/public/776903a6d1c27ccbc125722e00361f84/3BSE041586R101_-_en_Compact_Control_Builder_AC_800M_Version_5.0_Product_Guide.pdf?x-sign=qIHIXoNM4SfprpyFfwUKxq5iwbkxW8HbXaeXUGNJCvU4TDP4eEKNAHJFrd3mc%2FRy
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