

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB DSDX451L 5716075-AH

Product Reference

ABB Advant Controllers S400 I/O module identity reference 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 DSDX451L 5716075-AH
Reference number	DSDX451L 5716075-AH
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/dsdx451l-5716075-ah-verification>
Apter Power contact

sales13@apterpower.com | +86 180 3023 5313

Product role and published parameters

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

ABB DSDX451L is an evidence-bounded Advant Controllers S400 I/O module identity reference. Compatibility boundary: DSDX451L is not DSDI451 and is not DSDX454; do not transfer remote-I/O or refurbished-spare data among them. System context: ABB Advant Controllers S400 I/O module identity reference product reference.

Published field	Manufacturer-published value or verified identity note
Model	DSDX451L
Requested part label	5716075-AH - verify nameplate
Product family	S400 I/O
Detailed function and electrical data	HOLD
Verification Status	Verified Model Requested Part Gate

System function and signal path

01	System Inputs: Advant Controllers S400 I/O module identity reference
02	Processing: DSDX451L is not DSDI451 and is not DSDX454; do not transfer remote-I/O or refurbished-spare data among them.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and maintenance planning for ABB DSDX451L.

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 DSDX451L 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 Advant Controllers EU Data Act notice	https://library.e.abb.com/public/09b2dfa056184b6e8828de53de3520c2/7PAA021740_B_en_EU%20DATA%20ACT%20-%20Information%20Notice%20for%20Connected%20Products%2C%20Advant%20Controllers.pdf?x-si-gn=a8J7hiEPVCWUIXlquIMZILQ%2B%2BEDWd%2FLT7KgGRARZfJe8JYTZZmIpRiw9Wzm6Z%2FI
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