

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB DSAI145 57I20001-HA

Product Reference

ABB DSAI145 control-system module 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 DSAI145 57I20001-HA
Reference number	DSAI145 57I20001-HA
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/dsai145-57I20001-ha>
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Product role and published parameters

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

ABB DSAI145 is listed by ABB under product code EXC57120001-HA and part number 57120001-HA. Use the complete physical nameplate and installed-system documentation to confirm the host rack, terminal unit, cable and connector. System context: ABB DSAI145 control-system module product reference.

Published field	Manufacturer-published value or verified identity note
Model	DSAI145
Part number	57120001-HA
ABB product code	EXC57120001-HA
Manufacturer	ABB
Verification Status	Model And Product Code Confirmed

System function and signal path

01	Field wiring and termination: confirm against the approved project drawings.
02	DSAI145 module: match the complete label and product code before installation.
03	Host rack and controller: confirm the documented slot, interface and configuration.

Applications, answers, and official sources

1 Installed-base maintenance: Supports planned maintenance of ABB control-system installations using DSAI145.

2 Module replacement: Supports like-for-like replacement after the complete model, part number, rack and terminal hardware are matched.

3 Wiring verification: Supports checking field wiring, terminals, cable assignments and project drawings before commissioning.

4 Commissioning and troubleshooting: Supports documented channel, diagnostic, alarm and configured-response checks after service work.

Frequently asked questions

Is ABB DSAI145 compatible with my installed controller or rack?	Match the complete module label, rack family, slot, terminal unit, cable, connector and project documentation before installation.
What information should I provide with an RFQ?	Provide clear photos of the complete nameplate, front and rear connectors, installed rack and slot, terminal unit, cable code and project drawing reference.
Can DSAI145 replace another DSAI model?	Do not treat a related DSAI model as a direct replacement. Confirm the exact ABB replacement path and the installed project's hardware and signal requirements.
What should be checked before installation?	Verify isolation, rack position, keying, terminal unit, cable, connector, channel assignment and the current configuration backup.
Can DSAI145 be removed while the system is energized?	Follow the exact ABB hardware instructions and the site's approved procedure. De-energize the affected equipment unless the installed-system documentation explicitly permits another method.
How should field wiring be verified?	Compare each conductor, shield, polarity and terminal number with the approved drawings before moving wiring from the existing module.

Official ABB sources

ABB DSAI145 product page

<https://new.abb.com/products/zh/EXC57120001-HA/dsai-145>