

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB DAI04

Product Reference

ABB DAI04 Official-Source Product Reference

DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited ABB manufacturer sources. No product photograph is included.

Product / lookup identity	ABB DAI04
Reference number	DAI04
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/dai04>
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Product role and published parameters

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

ABB DAI04 is an evidence-bounded eight-channel low-level voltage and temperature input module. System role: DAI04 acquires low-level voltage, resistance-temperature and thermocouple signals in the legacy Freelance rack. System context: ABB DAI04 Official-Source Product Reference.

Published field	Manufacturer-published value or verified identity note
Channels	8 analog inputs
Conversion	16 bit
Voltage ranges	+/-19, 38, 76, 154 or 308 mV
Resistance	0-1000 ohm
RTD	Pt100 ranges documented by ABB
Thermocouples	B, R, S, E, K, J, L, N, T and U
Input resistance	At least 10 Mohm

System function and signal path

01	System Inputs: DAI04 acquires low-level voltage, resistance-temperature and thermocouple signals in the legacy Freelance rack.
02	Processing: The official certificate lists selectable millivolt and 0-1000 ohm ranges plus Pt100 and thermocouple B, R, S, E, K, J, L, N, T and U support.



Applications, answers, and official sources

1

Installed-base maintenance: Supports evidence-led identification and replacement planning for ABB DAI04.

2

Freelance rack documentation: Provides a source-traceable boundary for the documented controller, I/O or link-module role.

3

Commissioning review: Guides identity, companion-hardware, cable, wiring and controlled functional checks before return to service.

4

Migration assessment: Separates exact-model facts from sibling modules, later remote I/O and modern controller platforms.

Frequently asked questions

What is ABB DAI04?	It is an evidence-bounded eight-channel low-level voltage and temperature input module; this page is limited to the cited ABB official-source boundary.
Is the exact identity verified?	Verified Exact Dai04.
What is its documented role?	DAI04 acquires low-level voltage, resistance-temperature and thermocouple signals in the legacy Freelance rack.
Is it interchangeable with a related model?	No. Related DAI, DAO, DDI, DDO, DCP, DLM and S900 labels are not automatic substitutes.
Must the physical nameplate be checked?	Yes. Verify the full model, legacy part number, firmware or revision and rack documentation.
Can family specifications be copied to this exact item?	No. Family context is not permission to publish unverified exact-item parameters.