

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB DAI04

DAI04 Product Information Manual

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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Workflow and system context

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.

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| 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. |

Published context and boundaries

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| 01 | Verify DAI04, channel sensor type, compensation, configured range and wiring before use. |
| 02 | Sensor type, range, compensation and wiring must match the exact configured channel; do not transfer DAI01/03/05 current-input data. |
| 03 | Origin, HS code, dimensions and logistics weight remain unpublished without exact ABB model-level evidence. |

Verification and release checks

01	Verify DAI04, channel sensor type, compensation, configured range and wiring before use.
02	Sensor type, range, compensation and wiring must match the exact configured channel; do not transfer DAI01/03/05 current-input data.
03	De-energize the rack and follow the site's approved electrical and process-safety procedure before disturbing hardware or wiring.
04	Back up Freelance configuration and controller data before replacement or migration work.
05	Verify every rack slot, companion module, system cable, connector, termination and power source from approved drawings.
06	Do not copy electrical, communication, mechanical or lifecycle values from a related model, suffix or successor.

Identity and release controls

Verification Status	Verified Exact Dai04
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