

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB DDO01

Product Reference

ABB DDO01 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 DDO01
Reference number	DDO01
Document basis	Published ABB product records, PDFs, and manuals listed on page 3

**Product page**<https://www.apterpower.com/ABB/ddo01>**Apter Power contact**

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Product role and published parameters

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

ABB DDO01 is an evidence-bounded sixteen-channel digital output module. System role: DDO01 drives sixteen discrete output signals through the documented Freelance rack cable and backplane architecture. System context: ABB DDO01 Official-Source Product Reference.

Published field	Manufacturer-published value or verified identity note
Channels	16 digital outputs
Channel numbering	0-15
System cable	0336332
Connection	X101 to DDO01 in the cited Contrans architecture
Failure signaling	Documented per channel positions
Output voltage and current	HOLD pending exact hardware manual
Verification Status	Verified Exact Ddo01

System function and signal path

- 01 System Inputs: DDO01 drives sixteen discrete output signals through the documented Freelance rack cable and backplane architecture.
- 02 Processing: ABB maps system cable 0336332 from connector X101 to DDO01 and lists channel positions 0 through 15 plus failure signaling.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for ABB DDO01.

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 DDO01?	It is an evidence-bounded sixteen-channel digital output module; this page is limited to the cited ABB official-source boundary.
Is the exact identity verified?	Verified Exact Ddo01.
What is its documented role?	DDO01 drives sixteen discrete output signals through the documented Freelance rack cable and backplane architecture.
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.

Official ABB sources

ABB Contrans I Instruction Manual	https://library.e.abb.com/public/0b75e6b8d4cb8c83c1257b0c00547a70/30_17_104EN.pdf
ABB Freelance DCS System Description	https://library.e.abb.com/public/17daf9395b6743b2942904fc342614e4/3BDD010023%20en%20L%20Freelance%20-%20DCS%20-%20System%20Description.pdf