

MANUFACTURER-SOURCE TECHNICAL REFERENCE

# ABB DAO01

## Product Reference

ABB DAO01 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 DAO01                                                         |
| Reference number          | DAO01                                                             |
| Document basis            | Published ABB product records, PDFs, and manuals listed on page 3 |



### Product page

<https://www.apterpower.com/ABB/dao01>

### Apter Power contact

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## Product role and published parameters

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

ABB DAO01 is an evidence-bounded sixteen-channel analog current output module. System role: DAO01 drives sixteen analog current outputs in the legacy Freelance rack I/O architecture. System context: ABB DAO01 Official-Source Product Reference.

| Published field     | Manufacturer-published value or verified identity note |
|---------------------|--------------------------------------------------------|
| Channels            | 16 analog outputs                                      |
| Output              | 0/4-20 mA                                              |
| Conversion          | 12 bit; 5 microampere nominal step                     |
| Load                | Up to 400 ohm                                          |
| System cables       | 0336335 and 9700140                                    |
| Verification Status | Verified Exact Dao01                                   |

### System function and signal path

|    |                                                                                                                                              |
|----|----------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | System Inputs: DAO01 drives sixteen analog current outputs in the legacy Freelance rack I/O architecture.                                    |
| 02 | Processing: ABB documents a nominal 5 microampere conversion step, load up to 400 ohm and analogue-output system cables 0336335 and 9700140. |

## Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for ABB DAO01.

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 DAO01?                                      | It is an evidence-bounded sixteen-channel analog current output module; this page is limited to the cited ABB official-source boundary. |
| Is the exact identity verified?                         | Verified Exact Dao01.                                                                                                                   |
| What is its documented role?                            | DAO01 drives sixteen analog current outputs in the legacy Freelance rack I/O 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 | <a href="https://library.e.abb.com/public/0b75e6b8d4cb8c83c1257b0c00547a70/30_17_104EN.pdf">https://library.e.abb.com/public/0b75e6b8d4cb8c83c1257b0c00547a70/30_17_104EN.pdf</a> |
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