

APTER POWER PRODUCT MANUAL

6DD1842-0AA1

SIMADYN D T400 Axial-Winder Technology Package

The Siemens 6DD1842-0AA1 identifies a SIMADYN D T400 axial-winder technology package. Siemens catalog documentation confirms the T400 axial-winder application family, while the exact AA1 documentation scope and revision must be verified from the supplied nameplate and original package records.

The T400 application coordinates drive variables needed by an axial winding machine and operates only as part of the matched technology board, drive, encoder, tension-measurement, and machine-control configuration.

Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Protect Winder Parameters. Rebuild Tension Control Deliberately.

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



SCAN FOR PRODUCT & QUOTE
6DD1842-0AA1

1. Product Overview and Identity

The Siemens 6DD1842-0AA1 identifies a SIMADYN D T400 axial-winder technology package. Siemens catalog documentation confirms the T400 axial-winder application family, while the exact AA1 documentation scope and revision must be verified from the supplied nameplate and original package records.

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Model Configuration

Field	Verified information
Complete model	6DD1842-0AA1
Manufacturer	Siemens
Product description	SIMADYN D T400 Axial-Winder Technology Package

Key Features

- Exact 6DD1842-0AA1 identity retained
- Manufacturer-source data separated from unconfirmed values
- Siemens
- System context: SIMADYN D T400
- Model-specific lifecycle and installation guidance

2. Technical Specifications

Only manufacturer-confirmed information is stated. Values absent from the named Siemens source are marked for nameplate or document verification.

Parameter	Verified value
Manufacturer	Siemens
Technology family	T400
Application	Axial winder
System context	SIMADYN D / SIMOVERT MASTERDRIVES
Exact suffix	AA1; verify documentation and software revision
Electrical and interface data	Use the matching T400 hardware and application manuals

Verification Note

Use the complete 6DD1842-0AA1 identifier. The T400 axial-winder platform is legacy. The exact lifecycle statement for suffix AA1 was not found in the public Siemens catalog reviewed. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- The T400 application coordinates drive variables needed by an axial winding machine and operates only as part of the matched technology board, drive, encoder, tension-measurement, and machine-control configuration.
- Maintains the documented SIMADYN D T400 system role for this exact article number.
- Provides an exact reference for engineering, maintenance, and quotation review.

Application Areas

Application	System role
Coil and strip winding	Coordinate winding operation through the T400 application.
Converting machinery	Maintain the original axial-winder control concept.
Drive retrofit assessment	Preserve application parameters before migration.

Compatible Components

- T400 technology board and drive system documented for the winder
- Machine encoders, tension feedback, and actuators specified by the OEM
- Matching axial-winder software and parameter set

Lifecycle Status

The T400 axial-winder platform is legacy. The exact lifecycle statement for suffix AA1 was not found in the public Siemens catalog reviewed.

4. Installation Precautions

- Archive the T400 program and drive parameters
- Verify every feedback and command interface
- Confirm the AA1 package and software revision
- Follow DC-link and drive isolation procedures
- Test tension and direction at reduced speed before production

STOP - Verify before installation

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Use the physical nameplate and current Siemens documents as the controlling records.

5. Official Source and Use Notice

Official source

Siemens DA 21.1 SIMOVERT MASTERDRIVES catalog, T400 axial-winder ordering section, plus exact physical package label.

Apter Power product page

<https://www.apterpower.com/Siemens/6DD1842-0AA1>

Use Notice

This is an original Apter Power product-specific reference prepared from the Siemens source named above. It is not a Siemens publication and does not replace the original data sheet, nameplate, certificate, installation drawing, safety instructions, or machine-builder documentation.

ASK FOR QUOTE

For availability and quotation details, visit www.apterpower.com or contact sales13@apterpower.com.