6DD1688-0AE2

01 / Identity and preparation

SS52 PROFIBUS DP Module

Siemens 6DD1688-0AE2 is the SS52 communication module for SIMADYN D. It adds PROFIBUS DP communication to a suitable CS7 carrier arrangement, allowing the configured control system to exchange data with a DP network. The module can be configured for master or slave roles according to the application design.

System position



Pre-work checks

Exact marking	Confirm the complete 6DD1688-0AE2 label, revision and physical execution.
Host configuration	Check the intended SIMADYN D host, connections and fitted accessories.
Configuration record	Retain the installed parameters, addressing and wiring information for 6DD1688-0AE2.
Functional release	Verify affected ss52 profibus dp module functions and diagnostics after installation.

Match the complete unit

Check the full 6DD1688-0AE2 marking and any hardware revision against the installation record.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

6DD1688-0AE2

02 / Verification and handover

Isolate the installation

Follow the approved SIMADYN D isolation and stored-energy procedure before handling the unit.

Preserve the connection record

Label and photograph the ss52 profibus dp module connections, terminations and mounting before removal.

Restore the configuration

Retain the approved SIMADYN D address, range, software or calibration settings that apply to the installed unit.

Protect the hardware

Use suitable electrostatic-discharge and mechanical protection while handling connectors, boards and retaining parts.

Verify the affected functions

After fitting 6DD1688-0AE2, check diagnostics and the relevant I/O or process response under the site acceptance plan.

Accept the installed result

Verify affected ss52 profibus dp module functions and diagnostics after installation.

Application boundary

The characteristics above describe the identified SIMADYN D execution of 6DD1688-0AE2. Optional functions, connected devices and installed revisions must be checked against the complete marking and approved project configuration.

Related Siemens references

Siemens 6DD1688-0AE0

Siemens 6DD1640-0AD0

Siemens 6DD1661-0AE0

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