Siemens 6DD1611-0AD0

MM11 Coupling Memory Module

A SIMADYN D MM11 coupling memory module that provides shared RAM for data exchange between multiple CPU modules in one subrack.

01	02	03	04
MM11 coupling memory	Two 64 KB memory areas	L-bus and C-bus connection	Multi-CPU subrack use

System position

First CPU module	MM11 shared RAM	Second CPU module	Additional CPU or CS7 access

Evidence boundary

Only verified exact-model facts and explicitly identified family context are included. Similar codes are not treated as substitutes.

Verification focus

- Siemens
- 6DD1611-0AD0
- MM11 coupling memory
- Multi-CPU subrack use

02 / CAPABILITY MAP

Engineering domains and architecture

Manufacturer	Siemens
Article number	6DD1611-0AD0
Designation	MM11
Module type	Coupling memory module

Memory size	2 x 64 KB
Bus connections	L bus and C bus
Required context	More than one CPU in a subrack requiring data exchange
Slot rule	Any slot between the first and second CPU module

Interface architecture

L bus Connected	**C bus** Connected	**CPU data exchange** Shared through module RAM	**Configured connections** Supports configured $ connections and coupling-memory exchange
CS7 access Supports cases where multiple CPUs access a CS7 serial interface	**Backplane slot** Located between the first and second CPU		

03 / INTEGRATION AND APPLICATIONS

Use cases with controlled scope

Multi-CPU data exchange

Share process data between CPU modules in one subrack.

Configured connections

Support project-defined coupling-memory communication.

CS7 resource sharing

Coordinate access where multiple CPUs use a CS7 serial interface.

Legacy rack maintenance

Retain the documented MM11 position during module replacement.

INTEGRATION CHECKPOINTS

Identity

Siemens 6DD1611-0AD0 is preserved in full.

Host system

Rack, slot and surrounding hardware are verified.

Configuration

Project, firmware and settings are recorded.

Acceptance

Functional evidence is captured before release.

System relationship

First CPU module	MM11 shared RAM	Second CPU module	Additional CPU or CS7 access

Configuration control

- Memory size: 2 x 64 KB
- Bus connections: L bus and C bus
- Required context: More than one CPU in a subrack requiring data exchange
- Slot rule: Any slot between the first and second CPU module

Decision matrix

Question	Answer
What is Siemens 6DD1611-0AD0?	It is the SIMADYN D MM11 coupling memory module.
How much memory does the MM11 provide?	It provides two 64 KB memory areas.
Which buses connect to 6DD1611-0AD0?	The MM11 connects to the L bus and C bus.
When is a coupling memory module required?	It is used when more than one CPU in a subrack must exchange data.
Where is the MM11 installed?	Siemens specifies a slot between the first and second CPU modules.
Which configured functions can use the coupling memory?	Examples include configured $ connections, coupling-memory coupling and shared CS7 serial-interface access.
What should be tested after replacement?	Verify every configured inter-CPU data path and any shared CS7 access before release.

Eight release precautions

1 Shut down and isolate the subrack before removing the module.	**2** Confirm the complete 6DD1611-0AD0 identity and MM11 designation.	**3** Preserve the installed slot between the first and second CPU modules.	**4** Use ESD-safe handling for the memory and backplane contacts.
5 Back up the project containing coupling-memory and $ connections.	**6** Inspect L-bus and C-bus backplane contacts before installation.	**7** Verify multi-CPU data exchange after the controlled restart.	**8** Archive the final slot map, project version and functional-test record.

Product verification and support

Apter Power verification record

Model identity	Keep the complete Siemens model code and every suffix in purchasing, installation and acceptance records.
Verification boundary	Confirm the physical nameplate, installed position and revision-controlled project documents before field work.
Apter Power support	Use the contact details and Apter Power website links in this document for product and sourcing support.

Related Apter Power products	Exact product page
Siemens 6DS1211-8AA	View Siemens 6DS1211-8AA
Siemens 6DS1220-8AA	View Siemens 6DS1220-8AA
Siemens 6DS1223-8AA	View Siemens 6DS1223-8AA
Siemens 7UM5111-4CB01-0BB0/JJ	View Siemens 7UM5111-4CB01-0BB0/JJ

Apter Power technical and sourcing support
sales13@apterpower.com +86 180 3023 5313 www.apterpower.com
Scan for the Apter Power contact page.

Model record Siemens 6DD1611-0AD0 MM11 Coupling Memory Module
Verify the complete nameplate before installation.

Source and identity trace

- Exact identity: Siemens 6DD1611-0AD0
- Siemens SIMADYN D Hardware, Edition 03/2001, section 4.1, MM11 6DD1611-0AD0