

APTER POWER PRODUCT MANUAL

6ES7515-2RM00-0AB0

SIMATIC S7-1500R CPU 1515R-2 PN

The Siemens 6ES7515-2RM00-0AB0 is a spare-part SIMATIC S7-1500R CPU 1515R-2 PN with 500 KB program memory, 3 MB data memory, one PROFINET RT interface with a two-port switch, and a second PROFINET interface.

Used as a matched controller in an engineered S7-1500R system, it executes the automation program and exchanges synchronized process data and diagnostics across the configured PROFINET networks. It requires a SIMATIC Memory Card, compatible partner CPU, approved TIA Portal project, 24 V DC supply, and validated redundant network topology for continuous manufacturing, utilities, and process units.

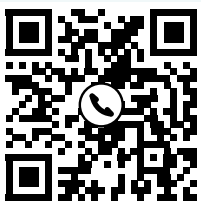
Manufacturer	Siemens
Prepared by	Apter Power
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Revision	R1
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Redundant S7-1500 control depends on matched CPUs and network evidence.

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SCAN FOR PRODUCT & QUOTE
6ES7515-2RM00-0AB0

1. Product Overview and Identity

The Siemens 6ES7515-2RM00-0AB0 is a spare-part SIMATIC S7-1500R CPU 1515R-2 PN with 500 KB program memory, 3 MB data memory, one PROFINET RT interface with a two-port switch, and a second PROFINET interface.

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Model Configuration

Field	Verified information
Complete model	6ES7515-2RM00-0AB0
Manufacturer	Siemens
Product description	SIMATIC S7-1500R CPU 1515R-2 PN

Key Features

- Exact Siemens MLFB 6ES7515-2RM00-0AB0
- SIMATIC S7-1500R CPU 1515R-2 PN
- 500 KB
- 3 MB
- Model-specific lifecycle, weight, dimensions, 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
Product type	CPU 1515R-2 PN
Program work memory	500 KB
Data work memory	3 MB
First interface	PROFINET RT with 2-port switch
Second interface	PROFINET
Firmware version in Siemens technical data	V2.9
Rated supply voltage	24 V DC
SIMATIC Memory Card	Required
Siemens net weight	0.895 kg
Siemens packaging dimensions	15.6 x 15.9 x 8.0 cm
Country of origin	Germany
Lifecycle	PM410; product cancelled since 1 October 2024; spare-part status
Siemens successor	6ES7515-2RN03-0AB0

Verification Note

Use the complete 6ES7515-2RM00-0AB0 identifier. Siemens records product cancellation for 6ES7515-2RM00-0AB0 from 1 October 2024, identifies it as a spare part, and lists 6ES7515-2RN03-0AB0 as successor. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- Used as a matched controller in an engineered S7-1500R system, it executes the automation program and exchanges synchronized process data and diagnostics across the configured PROFINET networks. It requires a SIMATIC Memory Card, compatible partner CPU, approved TIA Portal project, 24 V DC supply, and validated redundant network topology for continuous manufacturing, utilities, and process units.
- Maintains the documented SIMATIC S7-1500R redundant controller role for this complete Siemens article number.
- Provides a verified reference for configuration, commissioning, diagnostics, and lifecycle planning.

Application Areas

Application	System role
Redundant production control	Runs synchronized automation logic across paired S7-1500R CPUs
Continuous utilities	Maintains controller availability for plant services and infrastructure
Process skids	Coordinates PROFINET I/O and equipment with controller redundancy
Lifecycle migration	Provides the installed baseline for evaluating successor 6ES7515-2RN03-0AB0

Compatible Components

- Matching S7-1500R partner CPU with approved hardware, firmware, and project
- SIMATIC Memory Card and TIA Portal version required by the installed system
- Redundant PROFINET topology, switches, device names, and synchronization settings
- 24 V DC supply, rack mounting, I/O, and communication devices in the validated configuration

Lifecycle Status

Siemens records product cancellation for 6ES7515-2RM00-0AB0 from 1 October 2024, identifies it as a spare part, and lists 6ES7515-2RN03-0AB0 as successor.

4. Installation Precautions

- CPU pairing: Match partner MLFB, hardware revision, firmware, memory card, and project
- Redundancy: Preserve synchronization, redundant network, switchover, and diagnostic settings
- PROFINET: Record device names, IP addresses, topology, MRP roles, and update times
- Successor review: Treat 6ES7515-2RN03-0AB0 as a migration requiring Siemens compatibility checks
- Commissioning: Test synchronization, switchover, communications, I/O, alarms, and process interlocks

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 Industry Mall product record and official technical comparison for 6ES7515-2RM00-0AB0: <https://mall.industry.siemens.com/mall/en/interhydroilown/Catalog/Product?SiepCountryCode=OE&mlfb=6ES7515-2RM00-0AB0>

Apter Power product page

<https://www.apterpower.com/Siemens/6es7515-2rm00-0ab0>

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.