

APTER POWER PRODUCT MANUAL

6ES7400-2JA00-0AA0

SIMATIC S7-400H UR2-H Rack

The Siemens 6ES7400-2JA00-0AA0 is a SIMATIC S7-400H UR2-H rack divided into two nine-slot sections for central or distributed high-availability station configurations.

It provides two electrically separated S7-400 backplane sections in one mechanical rack so paired high-availability hardware can be installed in the slot arrangement defined by the S7-400H project.

Manufacturer	Siemens
Prepared by	Apter Power
Document ID	AP-SIE-03-6ES7400-2JA00-0AA0-PM-R1
Revision	R1
Issue date	2026-08-17

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

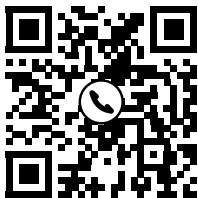
Two rack sections engineered for one resilient station.

- WHATSAPP / PHONE

+86 180 3023 5313
- EMAIL

sales13@apterpower.com
- WEBSITE

www.apterpower.com



SCAN FOR PRODUCT & QUOTE

6ES7400-2JA00-0AA0

1. Product Overview and Identity

The Siemens 6ES7400-2JA00-0AA0 is a SIMATIC S7-400H UR2-H rack divided into two nine-slot sections for central or distributed high-availability station configurations.

It provides two electrically separated S7-400 backplane sections in one mechanical rack so paired high-availability hardware can be installed in the slot arrangement defined by the S7-400H project.

Model Configuration

Field	Verified information
Complete model	6ES7400-2JA00-0AA0
Manufacturer	Siemens
Product description	SIMATIC S7-400H UR2-H Rack

Key Features

- Exact Siemens MLFB 6ES7400-2JA00-0AA0
- SIMATIC S7-400H UR2-H Rack
- 2
- SIMATIC S7-400H redundant automation station
- 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
Product type	UR2-H rack
Station use	Central and distributed
Rack sections	2
Slots per section	9
Total slot positions	18
Siemens net weight	4.557 kg
Siemens packaging dimensions	30.00 × 58.70 × 4.80 cm
Country of origin	Germany
Lifecycle	PM300 active product

Verification Note

Use the complete 6ES7400-2JA00-0AA0 identifier. Siemens lists 6ES7400-2JA00-0AA0 as a PM300 active product. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- It provides two electrically separated S7-400 backplane sections in one mechanical rack so paired high-availability hardware can be installed in the slot arrangement defined by the S7-400H project.
- Maintains the documented SIMATIC S7-400H redundant automation station role for this complete Siemens article number.
- Provides a verified reference for configuration, commissioning, diagnostics, and lifecycle planning.

Application Areas

Application	System role
Redundant controller stations	Houses paired S7-400H hardware in two rack sections
High-availability process automation	Provides the physical backplane structure for redundant control architecture
Distributed H-system expansion	Supports approved remote high-availability module layouts
Critical utility systems	Organizes separated controller hardware for controlled fault response

Compatible Components

- SIMATIC S7-400H CPUs and synchronization components specified in the project
- Power supplies assigned separately to the two rack sections
- S7-400 I/O, interface, and communication modules approved for the station
- Cabinet grounding and mounting components required by Siemens instructions

Lifecycle Status

Siemens lists 6ES7400-2JA00-0AA0 as a PM300 active product.

4. Installation Precautions

- Section separation: Treat the two backplane sections as distinct engineered station halves
- Slot symmetry: Match the approved H-system slot and module pairing plan
- Grounding: Apply Siemens protective grounding and EMC bonding to the complete rack
- Handling: Support the long rack during installation and protect all backplane connectors
- Commissioning: Confirm both rack halves, power supplies, synchronization path, and diagnostics

STOP - Verify before installation

Use the complete 6ES7400-2JA00-0AA0 identifier. Siemens lists 6ES7400-2JA00-0AA0 as a PM300 active product. Values not published in the cited Siemens source are intentionally not inferred.

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

5. Official Source and Use Notice

Official source

Siemens Industry Mall product detail for complete article number 6ES7400-2JA00-0AA0:

<https://mall.industry.siemens.com/mall/en/oeii/Catalog/Product?SiepCountryCode=OE&mlfb=6ES7400-2JA00-0AA0>

Apter Power product page

<https://www.apterpower.com/Siemens/6es7400-2ja00-0aa0>

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.