

APTER POWER PRODUCT MANUAL

6ES7400-1JA11-0AA0

SIMATIC S7-400 UR2 Rack

The Siemens 6ES7400-1JA11-0AA0 is an aluminum SIMATIC S7-400 UR2 rack with nine slots for use as a central or distributed automation station and provision for two redundant power supplies.

It provides the mechanical mounting platform and backplane bus that interconnect S7-400 power supplies, CPUs, interface modules, communication processors, and signal modules in their engineered slot positions.

Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Nine slots, one disciplined system backbone.

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SCAN FOR PRODUCT & QUOTE
6ES7400-1JA11-0AA0

1. Product Overview and Identity

The Siemens 6ES7400-1JA11-0AA0 is an aluminum SIMATIC S7-400 UR2 rack with nine slots for use as a central or distributed automation station and provision for two redundant power supplies.

It provides the mechanical mounting platform and backplane bus that interconnect S7-400 power supplies, CPUs, interface modules, communication processors, and signal modules in their engineered slot positions.

Model Configuration

Field	Verified information
Complete model	6ES7400-1JA11-0AA0
Manufacturer	Siemens
Product description	SIMATIC S7-400 UR2 Rack

Key Features

- Exact Siemens MLFB 6ES7400-1JA11-0AA0
- SIMATIC S7-400 UR2 Rack
- 9
- SIMATIC S7-400 central or distributed 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 aluminum rack
Station use	Central and distributed
Slots	9
Redundant power supplies	Two power supplies can be plugged in
Siemens net weight	1.782 kg
Siemens packaging dimensions	27.30 × 39.50 × 5.10 cm
Country of origin	Germany
Lifecycle	PM300 active product

Verification Note

Use the complete 6ES7400-1JA11-0AA0 identifier. Siemens lists 6ES7400-1JA11-0AA0 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 the mechanical mounting platform and backplane bus that interconnect S7-400 power supplies, CPUs, interface modules, communication processors, and signal modules in their engineered slot positions.
- Maintains the documented SIMATIC S7-400 central or distributed station role for this complete Siemens article number.
- Provides a verified reference for configuration, commissioning, diagnostics, and lifecycle planning.

Application Areas

Application	System role
Central S7-400 stations	Carries the CPU, power supplies, and central expansion modules
Distributed expansion racks	Provides the backplane for remote S7-400 module groups
Redundant power designs	Accepts two power supplies when the engineered topology requires them
Control-cabinet construction	Establishes the documented nine-slot physical module layout

Compatible Components

- SIMATIC S7-400 power supplies approved for the station design
- S7-400 CPU, interface, communication, function, and signal modules
- Module slot allocation defined in the STEP 7 hardware configuration
- Cabinet mounting and protective grounding hardware specified for the installation

Lifecycle Status

Siemens lists 6ES7400-1JA11-0AA0 as a PM300 active product.

4. Installation Precautions

- Slot plan: Install every module only in the slot assigned by the approved hardware configuration
- Mounting: Keep the rack level, mechanically supported, and within cabinet clearance requirements
- Grounding: Bond the rack and cabinet according to Siemens EMC and protective-conductor instructions
- Backplane: Inspect connectors for damage or contamination before inserting modules
- Power isolation: De-energize the station and follow the applicable module replacement procedure

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 detail for complete article number 6ES7400-1JA11-0AA0:

<https://mall.industry.siemens.com/mall/en/oeii/Catalog/Product?SiepCountryCode=OE&mlfb=6ES7400-1JA11-0AA0>

Apter Power product page

<https://www.apterpower.com/Siemens/6es7400-1ja11-0aa0>

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.