

APTER POWER INSTALLATION & VERIFICATION REFERENCE

6ES7288-1ST20-0AA1

A separate model-specific field checklist

Use this reference to verify the exact Siemens component before installation, substitution, or recommissioning. It intentionally does not repeat unconfirmed values.

Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

8 solid-state outputs for verified high-speed
SMART control.

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



SCAN FOR PRODUCT & QUOTE
6ES7288-1ST20-0AA1

1. Pre-Installation Verification

Step	Check	Required evidence
1	Identity	Match every character of 6ES7288-1ST20-0AA1 to the physical label; record revision and serial data.
2	Host system	Confirm rack, slot, CPU/drive/controller, firmware, project, and machine-builder approval.
3	Electrical	Verify supply, signal type, channel limits, grounding, shielding, and connector pinout from the exact Siemens document.
4	Mechanical	Confirm form factor, keying, mounting, clearances, cable routing, and environmental limits.
5	Lifecycle	Current 0AA1 standard CPU article documented by Siemens; confirm regional ordering status at quotation.
6	Commissioning	Apply the original test procedure and record results before returning the equipment to service.

Product-Specific Precautions

- Identity: Match the complete 6ES7288-1ST20-0AA1 MLFB, CPU ST20 marking, hardware, and firmware
- Power: Verify 24 V DC nominal; 20.4 to 28.8 V DC permissible and isolate all sources before wiring or removal
- I/O: Observe every channel voltage, current, group common, polarity, and protective-device limit
- Project: Back up and match the STEP 7 Micro/WIN SMART configuration, addresses, communications, and retentive data
- Panel: Use DIN-rail mounting, protective earth, segregation, ventilation, and orientation limits from Siemens

2. Commissioning Record

Record item	Site entry
Physical model / MLFB	
Serial or revision	
Host system / machine	
Rack / slot / location	
Firmware / project backup	
Connector and wiring verified	
Functional test result	
Technician / date	

Source Basis

Siemens official technical data sheet for 6ES7288-1ST20-0AA1: <https://support.industry.siemens.com/teddatasheet/?caller=SIOS&format=pdf&language=en&mlfbs=6ES7288-1ST20-0AA1>; Siemens S7-200 SMART System Manual: https://support.industry.siemens.com/cs/attachments/109745610/s7-200_SMART_system_manual_en-US.pdf

Important Notice

This Apter Power checklist is not a Siemens installation instruction. The current Siemens documentation, the physical nameplate, the host-equipment manual, and applicable safety rules control all work.

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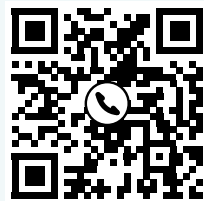
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