

APTER POWER PRODUCT MANUAL

6ES7288-6EC01-0AA0

SIMATIC S7-200 SMART 1 m I/O Expansion Cable

The Siemens 6ES7288-6EC01-0AA0 is a SIMATIC S7-200 SMART 1 m I/O Expansion Cable that extends the documented I/O expansion connection across a two-tier S7-200 SMART or ET 200 SMART arrangement.

In a correctly engineered SIMATIC S7-200 SMART installation, it carries the system expansion-bus connection between the supported CPU or interface module and the documented expansion tier. It works with the exact host hardware, power, wiring, field devices, firmware, and project configuration published for this complete article number. It is applied in control panels that require a Siemens-approved two-tier expansion-module layout.

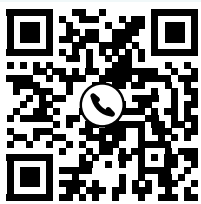
Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

One metre. Two tiers. One documented SMART expansion path.

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SCAN FOR PRODUCT & QUOTE
6ES7288-6EC01-0AA0

1. Product Overview and Identity

The Siemens 6ES7288-6EC01-0AA0 is a SIMATIC S7-200 SMART 1 m I/O Expansion Cable that extends the documented I/O expansion connection across a two-tier S7-200 SMART or ET 200 SMART arrangement.

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Model Configuration

Field	Verified information
Complete model	6ES7288-6EC01-0AA0
Manufacturer	Siemens
Product description	SIMATIC S7-200 SMART 1 m I/O Expansion Cable

Key Features

- Exact Siemens article number 6ES7288-6EC01-0AA0
- SIMATIC S7-200 SMART 1 m I/O Expansion Cable
- 1 m expansion-bus cable for a documented two-tier arrangement
- Passive expansion-bus accessory; use only with the Siemens-listed CPU and expansion arrangement
- 126 x 185 x 42 mm packaged; 1 m cable length
- 0.115 kg approximate published weight

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	SIMATIC S7-200 SMART 1 m I/O Expansion Cable
Complete article number	6ES7288-6EC01-0AA0
System	SIMATIC S7-200 SMART
Primary function	extends the documented I/O expansion connection across a two-tier S7-200 SMART or ET 200 SMART arrangement
Interface / form	1 m expansion-bus cable for a documented two-tier arrangement
Supply / host interface	Passive expansion-bus accessory; use only with the Siemens-listed CPU and expansion arrangement
Product description	Extension cable for two-tier setup, 1 m
Cable length	1 m
Published packaging dimensions	12.60 x 18.50 x 4.20 cm
Connection role	I/O expansion-bus interconnection
Application restriction	Use only in the Siemens-documented arrangement
Dimensions / length	126 x 185 x 42 mm packaged; 1 m cable length
Approximate net weight	0.115 kg
Country of origin	Germany
Lifecycle	Siemens Industry Mall lists the complete article number as a PM300 Active Product. Confirm the current regional lifecycle, delivery status, firmware, and engineering-software requirements when quoting.

Verification Note

Use the complete 6ES7288-6EC01-0AA0 identifier. Siemens Industry Mall lists the complete article number as a PM300 Active Product. Confirm the current regional lifecycle, delivery status, firmware, and engineering-software requirements when quoting. Values not published in the cited Siemens sources are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- Carries the system expansion-bus connection between the supported CPU or interface module and the documented expansion tier.
- Maintains the documented 1 m I/O Expansion Cable role for the complete 6ES7288-6EC01-0AA0 article number.
- Provides a model-specific basis for engineering, wiring, commissioning, diagnostics, and replacement verification.

Application Areas

Application	System role
Two-tier control cabinet	Routes the expansion-bus connection between documented panel tiers
Remote row arrangement	Provides the specified 1 m physical reach without substituting a generic cable
Expansion-module continuity	Carries the approved system connection to the next module row
Panel layout optimization	Supports control panels that require a Siemens-approved two-tier expansion-module layout while retaining the Siemens-documented topology

Compatible Components

- S7-200 SMART or ET 200 SMART CPU/interface arrangement explicitly documenting 6ES7288-6EC01-0AA0
- Siemens-listed expansion modules and connectors for the exact two-tier topology
- DIN rail, grounding, panel spacing, and cable routing stated in the system manual
- Original 1 m extension cable with an undamaged connector shell and strain relief

Lifecycle Status

Siemens Industry Mall lists the complete article number as a PM300 Active Product. Confirm the current regional lifecycle, delivery status, firmware, and engineering-software requirements when quoting.

4. Installation Precautions

- Match 6ES7288-6EC01-0AA0, the 1 m length, and both connector ends to the Siemens two-tier drawing before installation.
- Remove power from the CPU/interface module and all expansion modules before connecting or disconnecting the cable.
- Do not use the cable as a lifting point; observe connector orientation, latch engagement, bend clearance, and strain relief.
- Route the cable away from sharp edges, heat sources, moving parts, and high-noise power conductors; do not extend it with a generic cable.
- After installation, verify expansion-module recognition, diagnostics, grounding, and end-to-end operation before returning the station to service.

STOP - Verify before installation

Use the complete 6ES7288-6EC01-0AA0 identifier. Siemens Industry Mall lists the complete article number as a PM300 Active Product. Confirm the current regional lifecycle, delivery status, firmware, and engineering-software requirements when quoting. Values not published in the cited Siemens sources 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 official Industry Mall product record for 6ES7288-6EC01-0AA0 and Siemens official IM60 System Manual: https://support.industry.siemens.com/cs/attachments/109963390/SIMATIC_ET_200_SMART_IM60_System_Manual_en-US.pdf

Apter Power product page

<https://www.apterpower.com/Siemens/6es7288-6ec01-0aa0>

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.