

APTER POWER INSTALLATION & VERIFICATION REFERENCE

6ES7211-1BE40-0XB0

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.

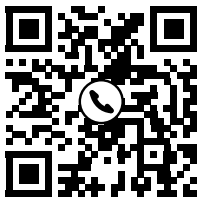
|              |                                    |
|--------------|------------------------------------|
| Manufacturer | Siemens                            |
| Prepared by  | Apter Power                        |
| Document ID  | AP-SIE-04-6ES7211-1BE40-0XB0-IV-R1 |
| Revision     | R1                                 |
| Issue date   | 2026-08-20                         |

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

AC-powered control. Relay flexibility. Verified 1211C compact I/O.

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



SCAN FOR PRODUCT & QUOTE  
6ES7211-1BE40-0XB0

## 1. Pre-Installation Verification

| Step | Check         | Required evidence                                                                                                                                                                                         |
|------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Identity      | Match every character of 6ES7211-1BE40-0XB0 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     | 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. |
| 6    | Commissioning | Apply the original test procedure and record results before returning the equipment to service.                                                                                                           |

### Product-Specific Precautions

- Confirm every character of 6ES7211-1BE40-0XB0, the CPU 1211C AC/DC/Relay marking, hardware revision, and firmware against the TIA Portal project.
- Isolate power and verify 85 to 264 V AC; 47 to 63 Hz; follow Siemens conductor, terminal, grounding, and circuit-protection requirements.
- Check relay contact voltage, 2 A resistive-load limit, output-group commons, fusing, and load suppression before connecting field loads.
- Separate analog and communication wiring from power conductors; terminate shields and references according to the S7-1200 system manual.
- Restore the verified project, commission inputs and outputs by circuit group, test network and fault behavior, and record the results.

## 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 6ES7211-1BE40-0XB0: <https://support.industry.siemens.com/teddatasheet/?caller=SIOS&format=pdf&language=en&mlfbs=6ES7211-1BE40-0XB0>; Siemens official S7-1200 System Manual landing page: <https://support.industry.siemens.com/cs/ww/en/view/109759862>

### 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.

#### APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

**AC-powered control. Relay flexibility. Verified 1211C compact I/O.**

WHATSAPP / PHONE +86 180 3023 5313

EMAIL [sales13@apterpower.com](mailto:sales13@apterpower.com)

WEBSITE [www.apterpower.com](http://www.apterpower.com)



SCAN FOR PRODUCT & QUOTE

6ES7211-1BE40-0XB0