

AMIKON TECHNICAL INTELLIGENCE

# Product Data Sheet

Siemens 6ES7653-2CC00-0XB0  
PCS 7 System Expansion Card PO 500

|                 |        |          |          |
|-----------------|--------|----------|----------|
| PROCESS OBJECTS | CPU    | FIRMWARE | MAX TEMP |
| 500             | 410-5H | V2.0     | 70 C     |

Siemens 6ES7653-2CC00-0XB0 is a SIMATIC PCS 7 System Expansion Card PO 500 for the PCS 7 CPU 410-5H.

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## OFFICIAL PRODUCT PARAMETERS

|                       |                                    |
|-----------------------|------------------------------------|
| Article Number        | 6ES7653-2CC00-0XB0                 |
| Designation           | PCS 7 System Expansion Card PO 500 |
| Compatible CPU        | PCS 7 CPU 410-5H                   |
| Process Objects       | 500                                |
| Hardware Status       | 3                                  |
| Firmware Version      | V2.0                               |
| Conformal Coating     | ISA-S71.04 G1, G2 and G3           |
| Work Memory Use       | Maximum 10 MB in CPU 410-5H        |
| Input Address Area    | 16 KB                              |
| Output Address Area   | 16 KB                              |
| Operating Temperature | 0 to 70 C                          |
| Dimensions            | 8 x 16 x 25 mm                     |
| Approximate Weight    | 0.020 kg                           |

Source: Siemens product data sheet for 6ES7653-2CC00-0XB0. This Amikon reference does not replace controlled Siemens instructions.

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## SYSTEM ROLE AND APPLICATIONS

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- PCS 7 process-object capacity expansion
- CPU 410-5H redundant control systems
- Large process automation projects
- Continuous-process control architectures
- High-availability plant control systems

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## DOCUMENT CONTROL

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Confirm the PCS 7 release, CPU 410-5H compatibility, process-object licensing, hardware functional status and firmware before commissioning or replacement.