

SIEMENS

CE DECLARATION of CONFORMITY

Product Family: SIMATIC S7-200 Programmable Controller, 2nd Generation

Manufacturers: Siemens Energy & Automation, Inc. Siemens AG
3000 Bill Garland Road Electronics Works Amberg
Johnson City, TN 37601 Werner-von-Siemens-Str. 50
D-92224 Amberg
Germany

Manufacturer's Agent: Siemens AG
A&D AS RD ST PLC Amberg
Werner-von-Siemens-Str. 50
D-92224 Amberg
Germany

The indicated product family is in conformance with the regulations of the following European Directives:

89/336/EEC Council Directive on the harmonization of the laws of the member states relating to electromagnetic compatibility (EMC Directive).

Additional details concerning adherence to this directive is provided in Appendix EMC.

73/23/EEC Council Directive on the harmonization of the laws of the member states relating to electrical equipment designed for use within certain voltage limits (Low Voltage Directive).

Additional details concerning adherence to this directive is provided in Appendix LVD.

94/9/EC As set out in Article 9 of European Community guideline 94/9/EC of 23 March 1994, the fundamental safety and health requirements for the conception and construction of devices and protection systems for agreed use in hazardous areas are confirmed in accordance with Appendix II of the guideline.

Additional details concerning adherence to this directive is provided in Appendix ATEX.

1999/5/EC Directive of the European Parliament and of the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of conformity (Telecom Directive).

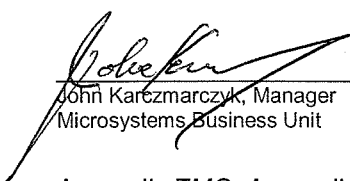
Additional details concerning adherence to this directive is provided in Appendix Telecom.

Attachment of the CE marking: 1999


Siemens Energy & Automation, Inc.
Johnson City

Siemens AG
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John Karczmarczyk, Manager
Microsystems Business Unit

9/27/06
Date


Florian Goeldner,
Manager Quality Assurance

01/10/07
Date


Benno Grosser, Agent

09/27/07
Date

Appendix EMC, Appendix LVD, Appendix ATEX, and Appendix Telecom are part of this declaration.

While this declaration indicates conformance with the European directives listed; it does not imply a guarantee with respect to the product liability laws.

The safety notes included with the product documentation must be observed.

Appendix EMC CE DECLARATION of CONFORMITY

Product Family: SIMATIC S7-200 Programmable Controller, 2nd Generation

Conformity of the designated products with the regulations of Directive 89/336/EEC is demonstrated by adherence to the following standards, when installed in accordance with User Manual specifications.

Harmonized European Standards:

| | |
|------------------|--------------|
| Reference Number | Date Issued: |
| EN 61000-6-4 | 2001 |
| EN 61000-6-2 | 2001 |

The SIMATIC S7 200 2nd Generation product family to which the CE marking applies with respect to 89/336/EEC consists of the following components:

| Product Description, 2 nd Generation Products | Siemens Model Number |
|--|--|
| 221 CPU DC/DC/DC | 6ES7 211 0AA20 0XB0 6ES7 211 0AA21 0XB0 6ES7 211 0AA22 0XB0 6ES7 211 0AA23 0XB0 |
| 221 CPU AC/DC/Relay | 6ES7 211 0BA20 0XB0 6ES7 211 0BA21 0XB0 6ES7 211 0BA22 0XB0 6ES7 211 0BA23 0XB0 |
| 222 CPU DC/DC/DC | 6ES7 212 1AB20 0XB0 6ES7 212 1AB21 0XB0 6ES7 212 1AB22 0XB0 6ES7 212 1AB23 0XB0 |
| 222 CPU AC/DC/Relay | 6ES7 212 1BB20 0XB0 6ES7 212 1BB21 0XB0 6ES7 212 1BB22 0XB0 6ES7 212 1BB23 0XB0 |
| 224 CPU DC/DC/DC | 6ES7 214 1AD20 0XB0 6ES7 214 1AD21 0XB0 6ES7 214 1AD22 0XB0 6ES7 214 1AD23 0XB0 |
| 224 CPU AC/DC/Relay | 6ES7 214 1BD20 0XB0 6ES7 214 1BD21 0XB0 6ES7 214 1BD22 0XB0 6ES7 214 1BD23 0XB0 |
| 224XP CPU DC/DC/DC | 6ES7 214 2AD23 0XB0 |
| 224XPSI CPU DC/DC/DC (Sinking Outputs) | 6ES7 214 2AS23 0XB0 |
| 224XP CPU AC/DC/Relay | 6ES7 214 2BD23 0XB0 |
| 226 CPU DC/DC/DC | 6ES7 216 2AD21 0XB0 6ES7 216 2AD22 0XB0 6ES7 216 2AD23 0XB0 |
| 226 CPU AC/DC/Relay | 6ES7 216 2BD21 0XB0 6ES7 216 2BD22 0XB0 6ES7 216 2BD23 0XB0 |
| 226XM CPU DC/DC/DC | 6ES7 216 2AF21 0XB0 6ES7 216 2AF22 0XB0 |
| 226XM CPU AC/DC/Relay | 6ES7 216 2BF21 0XB0 6ES7 216 2BF22 0XB0 |
| EM221 I/O Module Input 8 x 24VDC | 6ES7 221 1BF20 0XA0 6ES7 221 1BF21 0XA0 6ES7 221 1BF22 0XA0 |
| EM222 I/O Module Output 8 x 24VDC | 6ES7 222 1BF20 0XA0 6ES7 222 1BF21 0XA0 6ES7 222 1BF22 0XA0 |

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| Product Description, 2 nd Generation Products | Siemens Model Number |
|---|---|
| EM222 I/O Module Output 8 x Relay | 6ES7 222 1HF20 0XA0 6ES7 222 1HF21 0XA0 6ES7 222 1HF22 0XA0 |
| EM223 I/O Module Input 4 x 24VDC / Output 4 x 24VDC | 6ES7 223 1BF20 0XA0 6ES7 223 1BF21 0XA0 6ES7 223 1BF22 0XA0 |
| EM223 I/O Module Input 8 x 24VDC / Output 8 x 24VDC | 6ES7 223 1BH20 0XA0 6ES7 223 1BH21 0XA0 6ES7 223 1BH22 0XA0 |
| EM223 I/O Module Input 16 x 24VDC / Output 16 x 24VDC | 6ES7 223 1BL20 0XA0 6ES7 223 1BL21 0XA0 6ES7 223 1BL22 0XA0 |
| EM223 I/O Module Input 32 x 24VDC / Output 32 x 24VDC | 6ES7 223 1BM22-0XA0 |
| EM223 I/O Module Input 4 x 24VDC / Output 4 x Relay | 6ES7 223 1HF20 0XA0 6ES7 223 1HF21 0XA0 6ES7 223 1HF22 0XA0 |
| EM223 I/O Module Input 8 x 24VDC / Output 8 x Relay | 6ES7 223 1PH20 0XA0 6ES7 223 1PH21 0XA0 6ES7 223 1PH22 0XA0 |
| EM223 I/O Module Input 16 x 24VDC / Output 16 x Relay | 6ES7 223 1PL20 0XA0 6ES7 223 1PL21 0XA0 6ES7 223 1PL22 0XA0 |
| EM223 I/O Module Input 32 x 24VDC / Output 32 x Relay | 6ES7 223 1PM22 0XA0 |
| EM277 I/O Module Profibus Comm Port | 6ES7 277 0AA20 0XA0 6ES7 277 0AA21 0XA0 6ES7 277 0AA22 0XA0 |
| MC291 2 nd Generation EEPROM Cartridge | 6ES7 291 8GE20 0XA0 |
| MC 291 Memory Cartridge – 64K | 6ES7 291-8GF23-0XA0 |
| MC 291 Memory Cartridge – 256K | 6ES7 291-8GH23-0XA0 |
| CC292 2 nd Generation TOD (Time-of-Day) Cartridge | 6ES7 297-1AA20-0XA0 |
| BC293 2 nd Generation Battery Cartridge | 6ES7 291 8BA20 0XA0 |
| CC 292 Real Time Clock with Battery | 6ES7 297-1AA23-0XA0 |
| PC/PPI 2 nd Generation PPI Cable, isolated version | 6ES7 901 3BF20 0XA0 6ES7 901 3BF21 0XA0 |
| USB/PPI Multi-master (Cable) | 6ES7 901 3DB30 0XA0 |
| RS232/PPI Multi-master (Cable) | 6ES7 901 3CB30 0XA0 |
| PC/PPI Single-master (non-intelligent) | 6ES7 901 3BF30-0XA0 |
| 22x/EM 2 nd Generation Expansion I/O Cable | 6ES7 290-6AA20-0XA0 |
| EM231 I/O Module Analog Input AI 4 x 12 Bits | 6ES7 231-0HC20-0XA0 6ES7 231-0HC21-0XA0 6ES7 231-0HC22-0XA0 |
| EM231 Analog Input, 8 AI x 12 Bits | 6ES7 231-0HF22-0XA0 |
| EM232 I/O Module Analog Output AQ 2 x 12 Bits | 6ES7 232-0HB20-0XA0 6ES7 232-0HB21-0XA0 6ES7 232-0HB22-0XA0 |
| EM232 I/O Analog Output, 4 AQ x 12 Bits | 6ES7 232-0HD22-0XA0 |
| EM235 I/O Module Combination Analog Input AI 4 X12 Bits / Output AQ 1 x 12 Bits | 6ES7 235-0KD20-0XA0 6ES7 235-0KD21-0XA0 6ES7 235-0KD22-0XA0 |
| EM231 I/O Module Analog Input AI 4 x TC | 6ES7 231-7PD20-0XA0 6ES7 231-7PD21-0XA0 6ES7 231-7PD22-0XA0 |
| EM231 EM Analog Input 8 x TC x 16 Bits | 6ES7 231 7PF22 0XA0 |
| EM231 I/O Module Analog Input AI 2 x RTD | 6ES7 231-7PB20-0XA0 6ES7 231-7PB21-0XA0 6ES7 231-7PB22-0XA0 |
| EM231 EM Analog Input 4 x RTD x 16 Bits | 6ES7 231 7PC22 0XA0 |
| EM BUFFER (accessory upgrade component to V20 EMs) | 6ES7 292-6AA00-0XA0 |
| EM221 I/O Module Input 8 x 120/230VAC | 6ES7 221 1EF22 0XA0 |

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| Product Description, 2 nd Generation Products | Siemens Model Number |
|--|----------------------|
| EM222 I/O Module Output 8 x 120/230VAC | 6ES7 222 1EF22 0XA0 |
| EM241 I/O Module Modem | 6ES7 241 1AA22 0XA0 |
| EM253 I/O Module Position | 6ES7 253 1AA22 0XA0 |
| EM221 I/O Module Input 16 x 24VDC | 6ES7 221 1BH22 0XA0 |
| EM222 I/O Module Output 4 x 24VDC – 5A | 6ES7 222 1BD22 0XA0 |
| EM222 I/O Module Output 4 x Relay – 10A | 6ES7 222 1HD22 0XA0 |

Appendix LVD CE DECLARATION of CONFORMITY

Product Family: SIMATIC S7-200 Programmable Controller, 2nd Generation

Conformity of the designated products with the regulations of Directive 73/23/EEC is demonstrated by adherence to the safety considerations addressed by the standard below.

Harmonized European Standard:

Reference Number
EN 61131-2

Date Issued:
2003

The SIMATIC S7 200 2nd Generation product family to which the CE marking applies with respect to 73/23/EEC consists of the following components:

| Product Description, 2 nd Generation Products | Siemens Model Number |
|--|----------------------|
| 221 CPU AC/DC/Relay | 6ES7 211 0BA20 0XB0 |
| | 6ES7 211 0BA21 0XB0 |
| | 6ES7 211 0BA22 0XB0 |
| | 6ES7 211 0BA23 0XB0 |
| 222 CPU AC/DC/Relay | 6ES7 212 1BB20 0XB0 |
| | 6ES7 212 1BB21 0XB0 |
| | 6ES7 212 1BB22 0XB0 |
| | 6ES7 212 1BB23 0XB0 |
| 224 CPU AC/DC/Relay | 6ES7 214 1BD20 0XB0 |
| | 6ES7 214 1BD21 0XB0 |
| | 6ES7 214 1BD22 0XB0 |
| | 6ES7 214 1BD23 0XB0 |
| 224XP CPU AC/DC/Relay | 6ES7 214 2BD23 0XB0 |
| 226 CPU AC/DC/Relay | 6ES7 216 2BD21 0XB0 |
| | 6ES7 216 2BD22 0XB0 |
| | 6ES7 216 2BD23 0XB0 |
| 226XM CPU AC/DC/Relay | 6ES7 216 2BF21 0XB0 |
| | 6ES7 216 2BF22 0XB0 |
| EM222 I/O Module Output 8 x Relay | 6ES7 222 1HF20 0XA0 |
| | 6ES7 222 1HF21 0XA0 |
| | 6ES7 222 1HF22 0XA0 |
| EM223 I/O Module Input 4 x 24VDC / Output 4 x Relay | 6ES7 223 1HF20 0XA0 |
| | 6ES7 223 1HF21 0XA0 |
| | 6ES7 223 1HF22 0XA0 |
| EM223 I/O Module Input 8 x 24VDC / Output 8 x Relay | 6ES7 223 1PH20 0XA0 |
| | 6ES7 223 1PH21 0XA0 |
| | 6ES7 223 1PH22 0XA0 |
| EM223 I/O Module Input 16 x 24VDC / Output 16 x Relay | 6ES7 223 1PL20 0XA0 |
| | 6ES7 223 1PL21 0XA0 |
| | 6ES7 223 1PL22 0XA0 |
| EM223 I/O Module Input 32 x 24VDC / Output 32 x Relay | 6ES7 223 1PM22 0XA0 |
| EM221 I/O Module Input 8 x 120/230VAC | 6ES7 221 1EF22 0XA0 |
| EM222 I/O Module Output 8 x 120/230VAC | 6ES7 222 1EF22 0XA0 |
| EM241 I/O Module Modem | 6ES7 241 1AA22 0XA0 |
| EM222 I/O Module Output 4 x Relay – 10A | 6ES7 222 1HD22 0XA0 |

Appendix ATEX CE DECLARATION of CONFORMITY

Product Family: SIMATIC S7-200 Programmable Controller, 2nd Generation

Conformity of the designated products with the regulations of Directive 94/9/EC is demonstrated by adherence to the safety and protection considerations in potentially explosive atmospheres addressed by the standards below.

Harmonized European Standards:

| | |
|------------------|--------------|
| Reference Number | Date Issued: |
| EN 60079-15 | 2003 |

The ATEX directive shall only apply to units manufactured after March 2005 and to only units that explicitly display the ATEX mark. The SIMATIC S7 200 2nd Generation product family to which the CE marking applies with respect to 94/9/EC consists of the following components:

| Product Description, 2 nd Generation Products | Siemens Model Number |
|---|----------------------|
| 221 CPU DC/DC/DC | 6ES7 211 0AA23 0XB0 |
| 222 CPU DC/DC/DC | 6ES7 212 1AB23 0XB0 |
| 224 CPU DC/DC/DC | 6ES7 214 1AD23 0XB0 |
| 224XP CPU DC/DC/DC | 6ES7 214 2AD23 0XB0 |
| 224XPSI CPU DC/DC/DC (Sinking Outputs) | 6ES7 214 2AS23 0XB0 |
| 226 CPU DC/DC/DC | 6ES7 216 2AD23 0XB0 |
| EM221 I/O Module Input 8 x 24VDC | 6ES7 221 1BF22 0XA0 |
| EM222 I/O Module Output 8 x 24VDC | 6ES7 222 1BF22 0XA0 |
| EM223 I/O Module Input 4 x 24VDC / Output 4 x 24VDC | 6ES7 223 1BF22 0XA0 |
| EM223 I/O Module Input 8 x 24VDC / Output 8 x 24VDC | 6ES7 223 1BH22 0XA0 |
| EM223 I/O Module Input 16 x 24VDC / Output 16 x 24VDC | 6ES7 223 1BL22 0XA0 |
| EM223 I/O Module Input 32 x 24VDC / Output 32 x 24VDC | 6ES7 223 1BM22-0XA0 |
| EM277 I/O Module Profibus Comm Port | 6ES7 277 0AA22 0XA0 |
| MC291 2 nd Generation EEPROM Cartridge | 6ES7 291 8GE20 0XA0 |
| MC 291 Memory Cartridge – 64K | 6ES7 291-8GF23-0XA0 |
| MC 291 Memory Cartridge – 256K | 6ES7 291-8GH23-0XA0 |
| CC292 2 nd Generation TOD (Time-of-Day) Cartridge | 6ES7 297-1AA20-0XA0 |
| CC 292 Real Time Clock with Battery | 6ES7 297-1AA23-0XA0 |
| BC293 2 nd Generation Battery Cartridge | 6ES7 291 8BA20 0XA0 |
| USB/PPI Multi-master (Cable) | 6ES7 901 3DB30 0XA0 |
| RS232/PPI Multi-master (Cable) | 6ES7 901 3CB30 0XA0 |
| PC/PPI Single-master (non-intelligent) | 6ES7 901 3BF30-0XA0 |
| 22x/EM 2 nd Generation Expansion I/O Cable | 6ES7 290-6AA20-0XA0 |
| EM231 I/O Module Analog Input AI 4 x 12 Bits | 6ES7 231-0HC22-0XA0 |
| EM231 Analog Input, 8 AI x 12 Bits | 6ES7 231-0HF22-0XA0 |
| EM232 I/O Module Analog Output AQ 2 x 12 Bits | 6ES7 232-0HB22-0XA0 |
| EM232 I/O Analog Output, 4 AQ x 12 Bits | 6ES7 232-0HD22-0XA0 |
| EM235 I/O Module Combination Analog Input AI 4 X12 Bits / Output AQ 1 x 12 Bits | 6ES7 235-0KD22-0XA0 |
| EM231 I/O Module Analog Input AI 4 x TC | 6ES7 231-7PD22-0XA0 |
| EM231 EM Analog Input 8 x TC x 16 Bits | 6ES7 231 7PF22 0XA0 |
| EM231 I/O Module Analog Input AI 2 x RTD | 6ES7 231-7PB22-0XA0 |
| EM231 EM Analog Input 4 x RTD x 16 Bits | 6ES7 231 7PC22 0XA0 |
| EM253 I/O Module Position | 6ES7 253 1AA22 0XA0 |
| EM221 I/O Module Input 16 x 24VDC | 6ES7 221 1BH22 0XA0 |
| EM222 I/O Module Output 4 x 24VDC – 5A | 6ES7 222 1BD22 0XA0 |

Appendix Telecom CE DECLARATION of CONFORMITY

Product Family: SIMATIC S7-200 Programmable Controller, 2nd Generation

Conformity of the designated product with the regulations of Directive 1999/5/EC is demonstrated by adherence to applicable portions of the below listed standards :

Harmonized European Standard:

| Reference Number | Date Issued: |
|------------------|--------------|
| EN 60950 | 2000 |
| EN 55024 | 1998 |
| TBR 21 | 1998 |

The SIMATIC S7 200 2nd Generation product family to which the CE marking applies with respect to 1999/5/EC consists of the following component:

| Product Description, 2 nd Generation Products | Siemens Model Number |
|--|----------------------|
| EM241 I/O Module Modem | 6ES7 241 1AA22 0XA0 |

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