

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
Electronics Works Amberg

Siemens AG
A&D AS RD ST PLC Amberg


John Karczmarczyk, Manager
Microsystems Business Unit

11/30/06
Date


Florian Goldner,
Manager Quality Assurance

4.10.06
Date


Benno Grosse, Agent 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
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
EM232 I/O Module Analog Output AQ 2 x 12 Bits	6ES7 232-0HB20-0XA0 6ES7 232-0HB21-0XA0 6ES7 232-0HB22-0XA0
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 I/O Module Analog Input AI 2 x RTD	6ES7 231-7PB20-0XA0 6ES7 231-7PB21-0XA0 6ES7 231-7PB22-0XA0
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
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

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Product Description, 2 nd Generation Products	Siemens Model Number
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 Date Issued:
EN 61131-2 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
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
EM232 I/O Module Analog Output AQ 2 x 12 Bits	6ES7 232-0HB22-0XA0
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 I/O Module Analog Input AI 2 x RTD	6ES7 231-7PB22-0XA0
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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