

## CE DECLARATION of CONFORMITY

**Product Family:** SIMATIC S7-200 Programmable Controller, 2<sup>nd</sup> Generation

**Manufacturers:** Siemens Energy & Automation, Inc.  
3000 Bill Garland Road  
Johnson City, TN 37601

Siemens AG  
Electronics Works Amberg  
Werner-von-Siemens-Str. 50  
D-92224 Amberg  
Germany

**Manufacturer's Agent:** Siemens AG  
A&D AS RD 42  
Research & Development  
Werner-von-Siemens-Str. 50  
D-92224 Amberg  
Germany

**Product Family:** SIMATIC S7 200 Programmable Controller, 2<sup>nd</sup> Generation

**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.
- 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

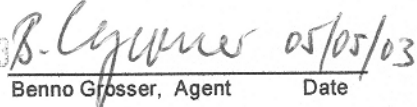
Siemens AG  
Amberg RD 42

  
John Karczmarczyk, Manager  
Microsystems Business Unit

Date

  
Lorenz Rapp,  
Manager Quality Assurance

Date

  
Benno Grosse, Agent

Date

Appendix EMC, Appendix LVD, 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, 2<sup>nd</sup> 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 50081-2	1993
EN 61000-6-2	1999

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

Product Description, 2 <sup>nd</sup> Generation Products	Siemens Model Number
221 CPU DC/DC/DC	6ES7 211 0AA20 0XB0 6ES7 211 0AA21 0XB0 6ES7 211 0AA22 0XB0
221 CPU AC/DC/Relay	6ES7 211 0BA20 0XB0 6ES7 211 0BA21 0XB0 6ES7 211 0BA22 0XB0
222 CPU DC/DC/DC	6ES7 212 1AB20 0XB0 6ES7 212 1AB21 0XB0 6ES7 212 1AB22 0XB0
222 CPU AC/DC/Relay	6ES7 212 1BB20 0XB0 6ES7 212 1BB21 0XB0 6ES7 212 1BB22 0XB0
224 CPU DC/DC/DC	6ES7 214 1AD20 0XB0 6ES7 214 1AD21 0XB0 6ES7 214 1AD22 0XB0
224 CPU AC/DC/Relay	6ES7 214 1BD20 0XB0 6ES7 214 1BD21 0XB0 6ES7 214 1BD22 0XB0
226 CPU DC/DC/DC	6ES7 216 2AD21 0XB0 6ES7 216 2AD22 0XB0
226 CPU AC/DC/Relay	6ES7 216 2BD21 0XB0 6ES7 216 2BD22 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
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

Product Description, 2 <sup>nd</sup> Generation Products	Siemens Model Number
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 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
EM277 I/O Module Profibus Comm Port	6ES7 277 0AA20 0XA0 6ES7 277 0AA21 0XA0 6ES7 277 0AA22 0XA0
MC291 2 <sup>nd</sup> Generation EEPROM Cartridge	6ES7 291 8GE20 0XA0
CC292 2 <sup>nd</sup> Generation TOD (Time-of-Day) Cartridge	6ES7 297-1AA20-0XA0
BC293 2 <sup>nd</sup> Generation Battery Cartridge	6ES7 291 8BA20 0XA0
PC/PPI 2 <sup>nd</sup> 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
22xEM 2 <sup>nd</sup> 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 ( clock buffer as an accessory upgrade component to ..20.. 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
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, 2<sup>nd</sup> 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	1994

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

Product Description, 2 <sup>nd</sup> Generation Products	Siemens Model Number
221 CPU AC/DC/Relay	6ES7 211 0BA20 0XB0 6ES7 211 0BA21 0XB0 6ES7 211 0BA22 0XB0
222 CPU AC/DC/Relay	6ES7 212 1BB20 0XB0 6ES7 212 1BB21 0XB0 6ES7 212 1BB22 0XB0
224 CPU AC/DC/Relay	6ES7 214 1BD20 0XB0 6ES7 214 1BD21 0XB0 6ES7 214 1BD22 0XB0
226 CPU AC/DC/Relay	6ES7 216 2BD21 0XB0 6ES7 216 2BD22 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
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 Telecom CE DECLARATION of CONFORMITY

**Product Family: SIMATIC S7-200 Programmable Controller, 2<sup>nd</sup> 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 2<sup>nd</sup> Generation product family to which the CE marking applies with respect to 1999/5/EC consists of the following component:

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

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