



CE DECLARATION of CONFORMITY

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

Manufacturers:	Siemens AG	Siemens Numerical Control Ltd.
	Industry Sector, IA AS EWA Amberg Werner-von-Siemens-Str. 50 D-92224 Amberg, Germany	No. 18 Siemens Road Jiangning Development Zone Nanjing, P.R.C. 211100

Manufacturer's Agent:	Siemens AG
	Industry Sector, IA AS FA DH AMB 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:

EC Directive 2004/108/EC	"Electromagnetic Compatibility" (EMC Directive) Additional details concerning adherence to this directive is provided in Appendix EMC
EC Directive 2006/95/EC	"Electrical Equipment Designed for Use within Certain Voltage Limits" (Low Voltage Directive) Additional details concerning adherence to this directive is provided in Appendix LVD
EC Directive 94/9/EC	"Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres" (ATEX Directive) Additional details concerning adherence to this directive is provided in Appendix ATEX
EC Directive 1999/5/EC	"Radio Equipment and Telecommunications Terminal Equipment" (R&TTE Directive) Additional details concerning adherence to this directive is provided in Appendix Telecom

Attachment of the CE marking: 99

Siemens AG
IA AS MF EWA QA Amberg



Florian Goeldner, Date
Manager Quality Assurance

Siemens AG
IA AS FA DH AMB Amberg



Alois Gresser, Agent Date
Manager Type Test / Approval

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 2004/108/EC 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	2007+A1:2011
EN 61000-6-2	2005

The SIMATIC S7-200 2nd Generation product family to which the CE marking applies with respect to 2004/108/EC consists of the following components:

Product Description, 2 nd Generation Products	Siemens Model Number
CPU's	
221 CPU DC/DC/DC 6 Inputs / 4 Outputs	6ES7 211 0AA23 0XB0
221 CPU AC/DC/Relay 6 Inputs / 4 Relays	6ES7 211 0BA23 0XB0
222 CPU DC/DC/DC 8 Inputs / 6 Outputs	6ES7 212 1AB23 0XB0
222 CPU AC/DC/Relay 8 Inputs / 6 Relays	6ES7 212 1BB23 0XB0
224 CPU DC/DC/DC 14 Inputs / 10 Outputs	6ES7 214 1AD23 0XB0
224 CPU AC/DC/Relay 14 Inputs / 10 Relays	6ES7 214 1BD23 0XB0
224XP CPU DC/DC/DC 14 Inputs / 10 Outputs	6ES7 214 2AD23 0XB0
224XPSI CPU DC/DC/DC (Sinking Outputs) 14 Inputs / 10 Outputs	6ES7 214 2AS23 0XB0
224XP CPU AC/DC/Relay 14 Inputs / 10 Relays	6ES7 214 2BD23 0XB0
226 CPU DC/DC/DC 24 Inputs / 16 Outputs	6ES7 216 2AD23 0XB0
226 CPU AC/DC/Relay 24 Inputs / 16 Relays	6ES7 216 2BD23 0XB0
222 CN CPU DC/DC/DC 8 Inputs / 6 Outputs	6ES7 212 1AB23 0XB8
222 CN CPU AC/DC/Relay 8 Inputs / 6 Relays	6ES7 212 1BB23 0XB8
224 CN CPU DC/DC/DC 14 Inputs / 10 Outputs	6ES7 214 1AD23 0XB8
224 CN CPU AC/DC/Relay 14 Inputs / 10 Relays	6ES7 214 1BD23 0XB8
224XP CN CPU DC/DC/DC 14 Inputs / 10 Outputs	6ES7 214 2AD23 0XB8
224XPSI CN CPU DC/DC/DC (Sinking Outputs) 14 Inputs / 10 Outputs	6ES7 214 2AS23 0XB8
224XP CN CPU AC/DC/Relay 14 Inputs / 10 Relays	6ES7 214 2BD23 0XB8
226 CN CPU DC/DC/DC 24 Inputs / 16 Outputs	6ES7 216 2AD23 0XB8
226 CN CPU AC/DC/Relay 24 Inputs / 16 Relays	6ES7 216 2BD23 0XB8
Expansion Modules	
EM221 I/O Module Input 8 x 24VDC	6ES7 221 1BF22 0XA0
EM222 I/O Module Output 8 x 24VDC	6ES7 222 1BF22 0XA0
EM222 I/O Module Output 8 x Relay	6ES7 222 1HF22 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
EM223 I/O Module Input 4 x 24VDC / Output 4 x Relay	6ES7 223 1HF22 0XA0
EM223 I/O Module Input 8 x 24VDC / Output 8 x Relay	6ES7 223 1PH22 0XA0
EM223 I/O Module Input 16 x 24VDC / Output 16 x Relay	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 0AA22 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

SIEMENS

Product Description, 2 nd Generation Products	Siemens Model Number
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
EM231 EM Analog Input 8 x TC x 16 Bits	6ES7 231 7PF22 0XA0
EM231 EM Analog Input 4 x RTD x 16 Bits	6ES7 231 7PC22 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
EM221 CN I/O Module Input 8 x 24VDC	6ES7 221 1BF22 0XA8
EM222 CN I/O Module Output 8 x 24VDC	6ES7 222 1BF22 0XA8
EM222 CN I/O Module Output 8 x Relay	6ES7 222 1HF22 0XA8
EM223 CN I/O Module Input 4 x 24VDC / Output 4 x 24VDC	6ES7 223 1BF22 0XA8
EM223 CN I/O Module Input 8 x 24VDC / Output 8 x 24VDC	6ES7 223 1BH22 0XA8
EM223 CN I/O Module Input 16 x 24VDC / Output 16 x 24VDC	6ES7 223 1BL22 0XA8
EM223 CN I/O Module Input 32 x 24VDC / Output 32 x 24VDC	6ES7 223 1BM22-0XA8
EM223 CN I/O Module Input 4 x 24VDC / Output 4 x Relay	6ES7 223 1HF22 0XA8
EM223 CN I/O Module Input 8 x 24VDC / Output 8 x Relay	6ES7 223 1PH22 0XA8
EM223 CN I/O Module Input 16 x 24VDC / Output 16 x Relay	6ES7 223 1PL22 0XA8
EM223 CN I/O Module Input 32 x 24VDC / Output 32 x Relay	6ES7 223 1PM22 0XA8
EM231 CN I/O Module Analog Input AI 4 x 12 Bits	6ES7 231 0HC22 0XA8
EM232 CN I/O Module Analog Output AQ 2 x 12 Bits	6ES7 232 0HB22 0XA8
EM235 CN I/O Module Combination Analog Input AI 4 X12 Bits / Output AQ 1 x 12 Bits	6ES7 235 0KD22 0XA8
EM231 CN I/O Module Analog Input AI 4 x TC	6ES7 231 7PD22 0XA8
EM231 CN I/O Module Analog Input AI 2 x RTD	6ES7 231 7PB22 0XA8
EM221 CN I/O Module Input 16 x 24VDC	6ES7 221 1BH22 0XA8
Accessories	
MC 291 Memory Cartridge – 64K	6ES7 291 8GF23 0XA0
MC 291 Memory Cartridge – 256K	6ES7 291 8GH23 0XA0
BC293 2 nd Generation Battery Cartridge	6ES7 291 8BA20 0XA0
CC 292 Real Time Clock with Battery	6ES7 297 1AA23 0XA0
USB/PPI Multi-master (Cable)	6ES7 901 3DB30 0XA0
RS232/PPI Multi-master (Cable)	6ES7 901 3CB30 0XA0
22x/EM 2 nd Generation Expansion I/O Cable	6ES7 290 6AA20 0XA0
PPI – Modem Cable, S/-200 PPI Cable – RS232	6NH9 701 0AD

Appendix LVD CE DECLARATION of CONFORMITY

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

Conformity of the designated products with the regulations of EC Directive 2006/95/EC is demonstrated by adherence to the safety considerations addressed by the standard below.

Harmonized European Standard:

Reference Number: EN 61131-2
Date Issued: 2007

The SIMATIC S7-200 2nd Generation product family to which the CE marking applies with respect to 2006/95/EC consists of the following components:

Product Description, 2 nd Generation Products	Siemens Model Number
CPU's	
221 CPU AC/DC/Relay 6 Inputs / 4 Relays	6ES7 211 0BA23 0XB0
222 CPU AC/DC/Relay 8 Inputs / 6 Relays	6ES7 212 1BB23 0XB0
224 CPU AC/DC/Relay 14 Inputs / 10 Relays	6ES7 214 1BD23 0XB0
224XP CPU AC/DC/Relay 14 Inputs / 10 Relays	6ES7 214 2BD23 0XB0
226 CPU AC/DC/Relay 24 Inputs / 16 Relays	6ES7 216 2BD23 0XB0
222 CN CPU AC/DC/Relay 8 Inputs / 6 Relays	6ES7 212 1BB23 0XB8
224 CN CPU AC/DC/Relay 14 Inputs / 10 Relays	6ES7 214 1BD23 0XB8
224XP CN CPU AC/DC/Relay 14 Inputs / 10 Relays	6ES7 214 2BD23 0XB8
226 CN CPU AC/DC/Relay 24 Inputs / 16 Relays	6ES7 216 2BD23 0XB8
Expansion Modules	
EM222 I/O Module Output 8 x Relay	6ES7 222 1HF22 0XA0
EM223 I/O Module Input 4 x 24VDC / Output 4 x Relay	6ES7 223 1HF22 0XA0
EM223 I/O Module Input 8 x 24VDC / Output 8 x Relay	6ES7 223 1PH22 0XA0
EM223 I/O Module Input 16 x 24VDC / Output 16 x Relay	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
EM222 CN I/O Module Output 8 x Relay	6ES7 222 1HF22 0XA8
EM223 CN I/O Module Input 4 x 24VDC / Output 4 x Relay	6ES7 223 1HF22 0XA8
EM223 CN I/O Module Input 8 x 24VDC / Output 8 x Relay	6ES7 223 1PH22 0XA8
EM223 CN I/O Module Input 16 x 24VDC / Output 16 x Relay	6ES7 223 1PL22 0XA8
EM223 CN I/O Module Input 32 x 24VDC / Output 32 x Relay	6ES7 223 1PM22 0XA8

Appendix ATEX CE DECLARATION of CONFORMITY

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

Conformity of the designated products with the regulations of EC Directive 94/9/EC is demonstrated to the following standards, when installed in accordance with the User Manual specifications.

Harmonized European Standards:

Reference Number	Date Issued:
EN 60079-0	2009
EN 60079-15	2010

Certificate: KEMA 04ATEX1130 X

Notified Body: DEKRA Certification B.V.
Utrechtseweg 310
6812 AR Arnhem
P.O. Box 5185
6800 ED Arnhem, Netherlands

Marking: II 3 G Ex nA IIC T4 Gc

The SIMATIC S7-200 2nd Generation product family to which the CE marking applies with respect to EC Directive 94/9/EC (ATEX) consists of the following components.

Product Description, 2 nd Generation Products	Siemens Model Number
CPU's	
221 CPU DC/DC/DC 6 Inputs / 4 Outputs	6ES7 211 0AA23 0XB0
222 CPU DC/DC/DC 8 Inputs / 6 Outputs	6ES7 212 1AB23 0XB0
224 CPU DC/DC/DC 14 Inputs / 10 Outputs	6ES7 214 1AD23 0XB0
224XP CPU DC/DC/DC 14 Inputs / 10 Outputs	6ES7 214 2AD23 0XB0
224XPSI CPU DC/DC/DC (Sinking Outputs) 14 Inputs / 10 Outputs	6ES7 214 2AS23 0XB0
226 CPU DC/DC/DC 24 Inputs / 16 Outputs	6ES7 216 2AD23 0XB0
Expansion Modules	
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
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
Accessories	
MC 291 Memory Cartridge – 64K	6ES7 291 8GF23 0XA0
MC 291 Memory Cartridge – 256K	6ES7 291 8GH23 0XA0
CC 292 Real Time Clock with Battery	6ES7 297 1AA23 0XA0
BC293 2 nd Generation Battery Cartridge	6ES7 291 8BA20 0XA0
PPI – Modem Cable, S7-200 PPI Cable – RS232	6NH9 701 0AD



Product Description, 2 nd Generation Products	Siemens Model Number
USB/PPI Multi-master (Cable)	6ES7 901 3DB30 0XA0
RS232/PPI Multi-master (Cable)	6ES7 901 3CB30 0XA0
22x/EM 2 nd Generation Expansion I/O Cable	6ES7 290 6AA20 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 60950-1	2006
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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