

EU-Konformitätserklärung / EU-Declaration of Conformity Nr. / No. **850 / S7-1200-F / J3 / 06.2017**

Gerätetyp/Produkt
Apparatus model/Product

Speicherprogrammierbare Steuerung SIMATIC S7-1200-F
Programmable Controller SIMATIC S7-1200-F
bestehend aus/ consisting of:

Zentralbaugruppe/ Central Processing Units

CPU 1214FC DC/DC/DC	6ES7 214-1AF40-0XB0	CPU 1215FC DC/DC/DC	6ES7 215-1AF40-0XB0
*CPU 1214FC DC/DC/RLY	6ES7 214-1HF40-0XB0	*CPU 1215FC DC/DC/RLY	6ES7 215-1HF40-0XB0
CPU 1212FC DC/DC/DC	6ES7 212-1AF40-0XB0	*CPU 1212FC DC/DC/RLY	6ES7 212-1HF40-0XB0

Digitaleingabebaugruppe & Digitalausgabebaugruppe/ Digital Input & Output Modules

SM 1226 F-DI 8/16 x 24 VDC	6ES7 226-6BA32-0XB0	*SM 1226 F-DQ 2 x Relay	6ES7 226-6RA32-0XB0
SM 1226 F-DQ 4 x 24 VDC	6ES7 226-6DA32-0XB0		

Modules marked with * (asterisk) don't apply to the ATEX directive.

Hersteller
Manufacturer
Anschrift
Address

Siemens AG DF FA AS
Gleiwitzer Strasse 555
DE-90475 Nuremberg
Germany

Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller.

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen Harmonisierungsrechtsvorschriften der Union, je nach eingesetzten Komponenten:

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation, depending on the components used:

2006/42/EG Richtlinie des europäischen Parlaments und des Rates vom 17. Mai 2006 über Maschinen und zur Änderung der Richtlinie 95/16/EG (Neufassung); Amtsblatt der EU L157, 9/06/2006, S. 24–87

2006/42/EC Directive of the European Parliament and of the Council of 17. May 2006 on machinery, and amending Directive 95/16/EC (recast); Official Journal of the EU L157, 9/06/2006, p. 24–87

2014/34/EU Richtlinie des Europäischen Parlaments und des Rates vom 26. Februar 2014 zur Harmonisierung der Rechtsvorschriften der Mitgliedstaaten für Geräte und Schutzsysteme zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen; Amtsblatt der EU L96, 29/03/2014, S. 309–356

2014/34/EU Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres; Official Journal of the EU L96, 29/03/2014, p. 309–356

2014/30/EU Richtlinie des Europäischen Parlaments und des Rates vom 26. Februar 2014 zur Harmonisierung der Rechtsvorschriften der Mitgliedstaaten über die elektromagnetische Verträglichkeit; Amtsblatt der EU L96, 29/03/2014, S. 79–106

2014/30/EU Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of (the laws of the Member States relating to electromagnetic compatibility; Official Journal of the EU L96, 29/03/2014, p. 79–106

2011/65/EU Richtlinie des europäischen Parlaments und des Rates vom 8. Juni 2011 zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten; Amtsblatt der EU L174, 1/07/2011, S. 88–110

2011/65/EU Directive of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment; Official Journal of the EU L174, 1/07/2011, p. 88–110

Bevollmächtigt für die Zusammenstellung der technischen Unterlagen:

Siemens AG, DF FA AS SYS
Werner-von-Siemens Str.50, 92224 Amberg

Authorised to compile the technical content:

ATEX-Kennzeichnung / ATEX marking:

II 3 G Ex nA IIC T3 Gc

Name, Anschrift der benannten Stelle / name, address of the notified body:

Name, Anschrift der anerkannten Prüfstelle / name, address of the Test Laboratory:

für Maschinenrichtlinie / for Machinery Directive:

TÜV SÜD Produkt Service GmbH Zertifizierstelle
Ridlerstraße 65, 80339 München; Germany

für ATEX-Richtlinie / for ATEX Directive:

DEKRA Certification B.V.
Meander 1051, 6825 MJ Arnhem; Netherlands

Kennnummer der benannten Stelle / identification number of the notified body:

0123

Nummer Baumusterprüfbescheinigung / number type-examination

certificate:

M6A 13 11 67803 008

certificate:

KEMA 04 ATEX 1130 X

Die Übereinstimmung des bezeichneten Produkts mit den Vorschriften der angewandten Richtlinie(n) wird nachgewiesen durch die vollständige Einhaltung folgender Normen / Vorschriften:

The conformity of the designated product with the provisions of the applied Directive(s) is proved by full compliance with the following standards / regulations:

Harmonisierte Normen / Harmonized standards:

Referenznummer Reference number	Ausgabedatum Date of issue	Referenznummer Reference number	Ausgabedatum Date of issue	Referenznummer Reference number	Ausgabedatum Date of issue
EN 61000-6-4	2007+A1:2011	EN 61000-6-2	2005	EN ISO 13849-1	2015
EN 62061	2005+A2:2015	EN 60079-0	2012+A11:2013	EN 60079-15	2010
EN 61131-2	2007	EN 50581	2012		

Unterzeichnet für und im Namen von: / Signed for and on behalf of:

Siemens Aktiengesellschaft

Amberg,

Alois Gresser
Head of SIMATIC Type Test,
DF FA AS SYS

Florian Göldner
Director Quality Assurance,
DF FA MF QM

27.06.2017

Ort / place of issue
Datum / Date of issue

Name / name
Funktion / function

Unterschrift / Signature

Name / name
Funktion / function

Unterschrift / Signature

Diese Erklärung bescheinigt die Übereinstimmung mit den genannten Richtlinien, ist jedoch keine Beschaffenheits- oder Haltbarkeitsgarantie.

This declaration certifies the compliance with the indicated directives but does not imply any warranty for properties.

Die Sicherheitshinweise der mitgelieferten Produktdokumentation sind zu beachten.

The safety instructions of the accompanying product documentation shall be observed.

Siemens Aktiengesellschaft: Chairman of the Supervisory Board: Gerhard Cromme; Managing Board: Joe Kaeser, Chairman, President and Chief Executive Officer; Roland Busch, Lisa Davis, Klaus Helmrich, Janina Kugel, Cedrik Neike, Michael Sen, Ralf P. Thomas; Registered offices: Berlin and Munich, Germany; Commercial registries: Berlin Charlottenburg, HRB 12300, Munich, HRB 6684; WEEE-Reg.-No. DE 23691322

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Programmable Electronic System

with type designation(s)
SIMATIC S7-1200

Issued to

Siemens AG DF FA AS SIMATIC Type Test
Amberg, Bayern, Germany

is found to comply with

Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Det Norske Veritas' Offshore Standards

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Location classes:

Temperature	D
Humidity	B
Vibration	A
EMC	A/B*
Enclosure	Required protection according to DNV Rules shall be provided upon installation on board

***See page 2 for more details**

This Certificate is valid until **2018-12-31**.

Issued at **Høvik** on **2015-07-03**

DNV GL local station: **Augsburg**

Approval Engineer: **Nils Jarem**

for **DNV GL**

.....
Odd Magne Nesvåg
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Product description

Programmable Logic Controller SIMATIC S7-1200
Including:

Type of equipment	Type designation
CPU – Central Processing Units	
CPU 1211C	6ES7 211-...
CPU 1212C	6ES7 212-...
CPU 1214C	6ES7 214-...
CPU 1215C	6ES7 215-...
SB - Signal Modules	
SM 1221	6ES7 221-...
SM 1222	6ES7 222-...
SM 1223	6ES7 223-...
SM 1231	6ES7 231-...
SM 1232	6ES7 232-...
SM 1234	6ES7 234-...
CM - Communication Modules	
CB/CM 1241	6ES7 241-...
Signal boards	
SB 1221	6ES7 221-...
SB 1222	6ES7 222-...
SB 1223	6ES7 223-...
SB 1231	6ES7 231-...
SB 1232	6ES7 232-...
Power supply module	
PM 1207	6EP1 332-...
Accessories	
Memory Cards	6ES7 954-...
BB1297	6ES7 297-...

Place of manufacture

Siemens Elektronikwerk Amberg, Germany
Siemens Elektronikwerk Chengdu, China

Approval conditions

The Type Approval covers hardware listed under Product description. When the hardware is used in applications to be classed by DNV, documentation for the actual application is to be submitted for approval by the manufacturer of the application system in each case. Reference is made to DNV Rules for Ships Pt.4 Ch.9 Control and Monitoring Systems.

Product certificate

Each delivery of the application system is to be certified according to Pt.4 Ch.9 Sec.1. The certification test is to be performed at the manufacturer of the application system according to an approved test program before the system is shipped to the yard. After the certification the clause for application software control will be put into force.

Clause for application software control

All changes in software are to be recorded as long as the system is in use on board. The records of all changes are to be forwarded to DNV for evaluation and approval. Major changes in the software are to be approved before being installed in the computer.

Job Id: **262.1-009980-4**
Certificate No: **TAA000000K**

Application/Limitation

Ex-certification is not covered by this certificate. Application in hazardous area to be approved in each case according to the Rules and Ex-Certification/ Special Condition for Safe Use listed in valid Ex-certificate issued by a notified/recognized Certification Body.

24V power supply lines are to be protected by Dehn Blitzductor order No. 918 402 (tested) or equivalent.

The system fulfils the EMC requirements without filter for installation in General Power Distribution zone and with appropriate filter for installation on the Bridge and Deck Zone. Rating: I=3A, C=2x0.47µF, C=2x4700pF, L=4x4.7mH, manufactured by Epcos, type B84113-C-B30 or equivalent.

Type Approval documentation

Siemens Specification for Type Tests and Test Report I IA AS RD ST Type Test – 2010-05, dated 2010-06-25
Siemens Specification and Test report No. : A&D AS RD ST Type Test 2012-05, dated 2013-05-24
Operating Instructions (PS); C98130-A7569-A1-04-6419 dated June 2009
System Manual no.: A5E02486680-06 dated 04/2012
Siemens I IA CE DE EMC Test Report no.: 10-E004448-BM-A01 dated 2010-06-21
Siemens SIMATIC S7-1200 Product Information No. A5E02808525-01 dated 01/2010

DNV Essen Initial Survey Report ESN-10-32360, dated 2010-07-07.

Tests carried out

Applicable tests according to Standard for Certification No. 2.4, April 2006.

Cold test carried out for 16h at -25°C.

Dry Heat test carried out for 16h at +70°C.

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the type are complied with, and that no alterations are made to the product design or choice of systems, software versions, components and/or materials.

The main elements of the assessment are:

- Ensure that type approved documentation is available
- Inspection of factory samples, selected at random from the production line (where practicable)
- Review of production and inspection routines, including test records from product sample tests and control routines
- Ensuring that systems, software versions, components and/or materials used comply with type approved documents and/or referenced system, software, component and material specifications
- Review of possible changes in design of systems, software versions, components, materials and/or performance, and make sure that such changes do not affect the type approval given
- Ensuring traceability between manufacturer's product type marking and the type approval certificate

Periodical assessment is to be performed at least every second year and at renewal of this certificate.

END OF CERTIFICATE

Supplier's declaration of conformity



For compliance levels 1, 2 and 3 in Australia

As required by the following Notices:

- *Radiocommunications Devices (Compliance Labelling) Notice 2003* made under section 182 of the Australian *Radiocommunications Act 1992*;
- *Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2008* made under section 182 of the Australian *Radiocommunications Act 1992*;
- *Radiocommunications (Compliance Labelling – Electromagnetic Radiation) Notice 2003* made under section 182 of the Australian *Radiocommunications Act 1992*; and
- *Telecommunications Labelling (Customer Equipment and Customer Cabling) Notice 2001* made under section 407 of the Australian *Telecommunications Act 1997*

Instructions for completion

- **Do not return this form to the ACMA.** This completed form must be retained by the supplier as part of the documentation required for the compliance records and must be made available for inspection by the ACMA when requested.

Supplier's details (manufacturer, importer or authorised agent)

Company Name (OR INDIVIDUAL)

Siemens Ltd
Industry Sector
Industry Automation Division

ACMA supplier code number

--

OR

ACN, ABN, or ARBN

Siemens Ltd., ABN 98 004 347 880

Street Address

885 Mountain Highway
Bayswater VIC 3153

Product details

Product description – brand name, type, model, lot, batch or serial number (if available)

SIMATIC S7-1200 (V17 / 07.16)	
Central Processing Units (CPU)	Siemens Model Number
CPU 1212FC DC/DC/DC	6ES7 212-1AF40-0XB0
CPU 1212FC DC/DC/RLY	6ES7 212-1HF40-0XB0
CPU 1214FC DC/DC/DC	6ES7 214-1AF40-0XB0
CPU 1214FC DC/DC/RLY	6ES7 214-1HF40-0XB0
CPU 1215FC DC/DC/DC	6ES7 215-1AF40-0XB0
CPU 1215FC DC/DC/RLY	6ES7 215-1HF40-0XB0
Siemcore918 DCD CDC	6ES7 212-1AE40-0XB0-Z
CPU 1217C DC/DC/DC	6ES7 217-1AG40-0XB0
CPU 1215C AC/DC/RLY	6ES7 215-1BG40-0XB0
CPU 1215C DC/DC/DC	6ES7 215-1AG40-0XB0
CPU 1215C DC/DC/DC 200K WM	6ES7 215-1AL40-0XB0
CPU 1215C DC/DC/DC 500K WM	6ES7 215-1AM40-0XB0
CPU 1215C DC/DC/RLY	6ES7 215-1HG40-0XB0
CPU 1214C AC/DC/RLY	6ES7 214-1BG40-0XB0
CPU 1214C DC/DC/DC	6ES7 214-1AG40-0XB0
CPU 1214C DC/DC/RLY	6ES7 214-1HG40-0XB0
CPU 1212C AC/DC/RLY	6ES7 212-1BE40-0XB0

CPU 1212C DC/DC/DC	6ES7 212-1AE40-0XB0
CPU 1212C DC/DC/RLY	6ES7 212-1HE40-0XB0
CPU 1211C AC/DC/RLY	6ES7 211-1BE40-0XB0
CPU 1211C DC/DC/DC	6ES7 211-1AE40-0XB0
CPU 1211C DC/DC/RLY	6ES7 211-1HE40-0XB0
CPU 1215C AC/DC/RLY	6ES7 215-1BG31-0XB0
CPU 1215C DC/DC/DC	6ES7 215-1AG31-0XB0
CPU 1215C DC/DC/DC 200K	6ES7 215-1AL31-0XB0
CPU 1215C DC/DC/DC 500K	6ES7 215-1AM31-0XB0
CPU 1215C DC/DC/RLY	6ES7 215-1HG31-0XB0
CPU 1214C AC/DC/RLY	6ES7 214-1BG31-0XB0
CPU 1214C DC/DC/DC	6ES7 214-1AG31-0XB0
CPU 1214C DC/DC/RLY	6ES7 214-1HG31-0XB0
CPU 1212C AC/DC/RLY	6ES7 212-1BE31-0XB0
CPU 1212C DC/DC/DC	6ES7 212-1AE31-0XB0
CPU 1212C DC/DC/RLY	6ES7 212-1HE31-0XB0
CPU 1211C AC/DC/RLY	6ES7 211-1BE31-0XB0
CPU 1211C DC/DC/DC	6ES7 211-1AE31-0XB0
CPU 1211C DC/DC/RLY	6ES7 211-1HE31-0XB0
CPU 1214C AC/DC/RLY	6ES7 214-1BE30-0XB0
CPU 1214C DC/DC/DC	6ES7 214-1AE30-0XB0
CPU 1214C DC/DC/RLY	6ES7 214-1HE30-0XB0
CPU 1214C DC/DC/RLY with 100K Memory	6AV6 675-5XF00-0AX0
CPU 1212C AC/DC/RLY	6ES7 212-1BD30-0XB0
CPU 1212C DC/DC/DC	6ES7 212-1AD30-0XB0
CPU 1212C DC/DC/RLY	6ES7 212-1HD30-0XB0
CPU 1211C AC/DC/RLY	6ES7 211-1BD30-0XB0
CPU 1211C DC/DC/DC	6ES7 211-1AD30-0XB0
CPU 1211C DC/DC/RLY	6ES7 211-1HD30-0XB0

Signal Modules (SM)	Siemens Model Number
SM 1238 Energy Meter 480VAC	6ES7 238-5XA32-0XB0
SM 1226 F-DI 16 x 24VDC	6ES7 226-6BA32-0XB0
SM 1226 F-DQ 4 x 24VDC	6ES7 226-6DA32-0XB0
SM 1226 F-DQ 2 x Relay	6ES7 226-6RA32-0XB0
SM 1278 4xIO-Link Master	6ES7 278-4BD32-0XB0
SM 1221 DI 8xDC	6ES7 221-1BF32-0XB0
SM 1221 DI 16xDC	6ES7 221-1BH32-0XB0
SM 1222 DO 8xDC	6ES7 222-1BF32-0XB0
SM 1222 DO 8xRLY	6ES7 222-1HF32-0XB0
SM 1222 DO 16xDC	6ES7 222-1BH32-0XB0
SM 1222 DO 16xRLY	6ES7 222-1HH32-0XB0
SM 1223 DI 8xDC / DO 8xDC	6ES7 223-1BH32-0XB0
SM 1223 DI 8xDC / DO 8xRLY	6ES7 223-1PH32-0XB0
SM 1223 DI 16xDC / DO 16xDC	6ES7 223-1BL32-0XB0
SM 1223 DI 16xDC / DO 16xRLY	6ES7 223-1PL32-0XB0
SM 1232 AQ 2x14 bit	6ES7 232-4HB32-0XB0
SM 1231 AI 4x13 bit	6ES7 231-4HD32-0XB0
SM 1234 AI 4x13 bit / AO 2x14 bit	6ES7 234-4HE32-0XB0

SM 1232 AQ 4x14 bit	6ES7 232-4HD32-0XB0
SM 1231 AI 8x13 bit	6ES7 231-4HF32-0XB0
SM 1223 DI 8xAC / DO 8xRLY	6ES7 223-1QH32-0XB0
SM 1222 DQ8xRLY (CO)	6ES7 222-1XF32-0XB0
SM 1231 RTD 4x16 bit	6ES7 231-5PD32-0XB0
SM 1231 TC 4 x 16 bit	6ES7 231-5QD32-0XB0
SM 1231 RTD 8 x 16 bit	6ES7 231-5PF32-0XB0
SM 1231 TC 8 x 16 bit	6ES7 231-5QF32-0XB0
SM 1231 4 x Analog Input x 16 bit (high feature)	6ES7 231-5ND32-0XB0
SM 1221 DI 8xDC	6ES7 221-1BF30-0XB0
SM 1221 DI 16xDC	6ES7 221-1BH30-0XB0
SM 1222 DO 8xDC	6ES7 222-1BF30-0XB0
SM 1222 DO 8xRLY	6ES7 222-1HF30-0XB0
SM 1222 DO 16xDC	6ES7 222-1BH30-0XB0
SM 1222 DO 16xRLY	6ES7 222-1HH30-0XB0
SM 1223 DI 8xDC / DO 8xDC	6ES7 223-1BH30-0XB0
SM 1223 DI 8xDC / DO 8xRLY	6ES7 223-1PH30-0XB0
SM 1223 DI 16xDC / DO 16xDC	6ES7 223-1BL30-0XB0
SM 1223 DI 16xDC / DO 16xRLY	6ES7 223-1PL30-0XB0
SM 1232 AQ 2x14 bit	6ES7 232-4HB30-0XB0
SM 1231 AI 4x13 bit	6ES7 231-4HD30-0XB0
SM 1234 AI 4x13 bit / AQ 2x14 bit	6ES7 234-4HE30-0XB0
SM 1232 AQ 4x14 bit	6ES7 232-4HD30-0XB0
SM 1231 AI 8x13 bit	6ES7 231-4HF30-0XB0
SM 1231 RTD 4x16 bit	6ES7 231-5PD30-0XB0
SM 1231 TC 4 x 16 bit	6ES7 231-5QD30-0XB0
SM 1223 DI 8xAC / DO 8xRLY	6ES7 223-1QH30-0XB0
SM 1231 RTD 8 x 16 bit	6ES7 231-5PF30-0XB0
SM 1231 TC 8 x 16 bit	6ES7 231-5QF30-0XB0
SM 1222 DQ8xRLY (CO)	6ES7 222-1XF30-0XB0
SM 1231 4 x Analog Input x 16 bit (high feature)	6ES7 231-5ND30-0XB0

Communication Modules (CM)	Siemens Model Number
CM 1241 RS232	6ES7 241-1AH32-0XB0
CM 1241 RS-422/485	6ES7 241-1CH32-0XB0
CM 1241 RS485	6ES7 241-1CH30-0XB0
CM 1241 RS232	6ES7 241-1AH30-0XB0
CM 1241 RS-422/485	6ES7 241-1CH31-0XB0

Signal Boards (SB)	Siemens Model Number
SB 1223 DI 2xDC / DO 2xDC	6ES7 223-0BD30-0XB0
SB 1232 AQ 1x12 bit	6ES7 232-4HA30-0XB0
SB 1221 DI 4x24V, HS	6ES7 221-3BD30-0XB0
SB 1222 DQ 4x24V, HS	6ES7 222-1BD30-0XB0
SB 1223 DI 2x24V / DQ 2x24V, HS	6ES7 223-3BD30-0XB0
SB 1221 DI 4x5V, HS	6ES7 221-3AD30-0XB0
SB 1222 DQ 4x5V, HS	6ES7 222-1AD30-0XB0
SB 1223 DI 2x5V / DQ 2x5V, HS	6ES7 223-3AD30-0XB0
SB 1231 AI 1x12 bit	6ES7 231-4HA30-0XB0
SB 1231 TC 1x16 bit	6ES7 231-5QA30-0XB0

SB 1231 RTD 1x16 bit	6ES7 231- 5PA30-0XB0
Communication Boards (CB)	Siemens Model Number
CB 1241 RS-485	6ES7 241-1CH30-1XB0
Battery Boards (BB)	Siemens Model Number
BB 1297 Battery	6ES7 297-0AX30-0XA0
Accessories	Siemens Model Number
Potentiometer Module	6ES7 274-1XA30-0XA0
8 Position Input Simulator	6ES7 274-1XF30-0XA0
14 Position Input Simulator	6ES7 274-1XH30-0XA0
Input Simulator, CPU 1217C	6ES7 274-1XK30-0XA0
I/O Expansion Cable, 2 meters	6ES7 290-6AA30-0XA0

Compliance

The above mentioned product complies with the requirements of the relevant ACMA Standards made under the *Radiocommunications Act 1992* and the *Telecommunications Act 1997*. These Standards are referenced in notices made under *section 182 of the Radiocommunications Act and 407 of the Telecommunications Act*.

Evidence of compliance is demonstrated by test reports to the following applicable standards.

Applicable standards

Standard title, number and, if applicable, number of the test report

AS/NZA 61000.6.4
IEC 61000-6-4 (Class A)

Declaration

I hereby declare that the contents of this form are true and correct, that the product mentioned above complies with the relevant above mentioned standards and all products supplied under this declaration will be identical to the product identified above.

Note: Under section 137.1 of the *Criminal Code Act 1995*, it is an offence to knowingly provide false or misleading information to a Commonwealth entity.

Penalty: 12 months imprisonment

--

FM Approvals
1151 Boston Providence Turnpike
P.O. Box 9102 Norwood, MA 02062 USA
T: 781 762 4300 F: 781-762-9375 www.fmaprovals.com

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

S7-1200 Programmable Controller System

NI / I / 2 / ABCD / T*

NI / I / 2 / IIC / T**

Model No.	Description	T-Code*	T-Code**	Tambient
6ES7 211-1AD30-0XB0	CPU1211C DC/DC/DC	T4A	T4	40°C
6ES7 211-1AE31-0XB0	CPU1211C DC/DC/DC	T3C	T3	60°C
6ES7 211-1AE40-0XB0	CPU1211C DC/DC/DC	T3C	T3	60°C
*6ES7 212-1AF40-0XB0	CPU1212FC DC/DC/DC	T3C	T3	55°C
6ES7 211-1BD30-0XB0	CPU1211C AC/DC/RLY	T4A	T4	40°C
6ES7 211-1BE31-0XB0	CPU1211C AC/DC/RLY 24V	T3C	T3	60°C
6ES7 211-1BE40-0XB0	CPU1211C AC/DC/RLY 24V	T3C	T3	60°C
6ES7 211-1HD30-0XB0	CPU1211C DC/DC/RLY	T4A	T4	40°C
6ES7 211-1HE31-0XB0	CPU1211C DC/DC/RLY 18V	T3C	T3	60°C
6ES7 211-1HE40-0XB0	CPU1211C DC/DC/RLY 18V	T3C	T3	60°C
6ES7 212-1AD30-0XB0	CPU1212C DC/DC/DC	T4A	T4	40°C
6ES7 212-1AE31-0XB0	CPU1212C DC/DC/DC	T3C	T3	60°C
6ES7 212-1AE40-0XB0	CPU1212C DC/DC/DC	T3C	T3	60°C
6ES7 212-1AE40-0XB0-Z	CPU1212C DC/DC/DC	T3C	T3	60°C
6ES7 212-1BD30-0XB0	CPU1212C AC/DC/RLY	T4A	T4	40°C
6ES7 212-1BE31-0XB0	CPU1212C AC/DC/RLY 24V	T3C	T3	60°C
6ES7 212-1BE40-0XB0	CPU1212C AC/DC/RLY 24V	T3C	T3	60°C
6ES7 212-1HD30-0XB0	CPU1212C DC/DC/RLY	T4A	T4	40°C
6ES7 212-1HE31-0XB0	CPU1212C DC/DC/RLY 18V	T3C	T3	60°C
6ES7 212-1HE40-0XB0	CPU1212C DC/DC/RLY 18V	T3C	T3	60°C
6ES7 212-1HF40-0XB0	CPU1212C DC/DC/RLY 18V	T3C	T3	60°C
6ES7 214-1AE30-0XB0	CPU1214C DC/DC/DC	T4A	T4	40°C

Model No.	Description	T-Code*	T-Code**	Tambient
6ES7 214-1AF40-0XB0	CPU1214FC DC/DC/DC	T3C	T3	55°C
*6ES7 214-1AG31-0XB0	CPU1214C DC/DC/DC	T3C	T3	60°C
*6ES7 214-1AG40-0XB0	CPU1214C DC/DC/DC	T3C	T3	60°C
6ES7 214-1BE30-0XB0	CPU1214C AC/DC/RLY 24V	T4A	T4	40°C
*6ES7 214-1BG31-0XB0	CPU1214C AC/DC/RLY 24V	T3C	T3	60°C
*6ES7 214-1BG40-0XB0	CPU1214C AC/DC/RLY 24V	T3C	T3	60°C
6ES7 214-1HE30-0XB0	CPU1214C DC/DC/RLY 18V	T4A	T4	40°C
6ES7 214-1HF40-0XB0	CPU1214FC DC/DC/RLY 18V	T3C	T3	55°C
*6ES7 214-1HG31-0XB0	CPU1214C DC/DC/RLY 18V	T3C	T3	60°C
*6ES7 214-1HG40-0XB0	CPU1214C DC/DC/RLY 18V	T3C	T3	60°C
6ES7 215-1AF40-0XB0	CPU1215FC DC/DC/DC	T3C	T3	55°C
*6ES7 215-1AG31-0XB0	CPU1215C DC/DC/DC	T3C	T3	60°C
*6ES7 215-1AG40-0XB0	CPU1215C DC/DC/DC	T3C	T3	60°C
*6ES7 215-1AL31-0XB0	CPU1215C DC/DC/DC 200k	T3C	T3	60°C
*6ES7 215-1AL40-0XB0	CPU1215C DC/DC/DC 200k	T3C	T3	60°C
*6ES7 215-1AM31-0XB0	CPU1215C DC/DC/DC 500k	T3C	T3	60°C
*6ES7 215-1AM40-0XB0	CPU1215C DC/DC/DC 500k	T3C	T3	60°C
*6ES7 215-1BG31-0XB0	CPU1215C AC/DC/RLY 24V	T3C	T3	60°C
*6ES7 215-1BG40-0XB0	CPU1215C AC/DC/RLY 24V	T3C	T3	60°C
6ES7 215-1HF40-0XB0	CPU1215FC DC/DC/RLY 18V	T3C	T3	55°C
6ES7 215-1HG31-0XB0	CPU1215C DC/DC/RLY 18V	T3C	T3	60°C
6ES7 215-1HG40-0XB0	CPU1215C DC/DC/RLY 18V	T3C	T3	60°C
*6ES7 217-1AG40-0XB0	CPU1217C DC/DC/DC	T3C	T3	60°C
6ES7 221-1BF30-0XB0	SM1221 DI 8x24VDC	T3C	T3	60°C
6ES7 221-1BF32-0XB0	SM1221 DI 8x24VDC	T3C	T3	60°C
6ES7 221-1BH30-0XB0	SM1221 DI 16x24VDC	T3C	T3	60°C
6ES7 221-1BH32-0XB0	SM1221 DI 16x24VDC	T3C	T3	60°C
6ES7 221-3AD30-0XB0	SB1221 DI 4x5VDC	T3C	T3	60°C
*6ES7 221-3BD30-0XB0	SB1221 DI 4x24VDC	T3C	T3	60°C
6ES7 222-1AD30-0XB0	SB1222 DQ 4x5VDC	T3C	T3	60°C
*6ES7 222-1BD30-0XB0	SB1222 DQ 4x24VDC	T3C	T3	60°C
6ES7 222-1BF30-0XB0	SM1222 DQ 8x24VDC	T3C	T3	60°C
6ES7 222-1BF32-0XB0	SM1222 DQ 8x24VDC	T3C	T3	60°C
6ES7 222-1BH30-0XB0	SM1222 DQ 16x24VDC	T3C	T3	60°C
6ES7 222-1BH32-0XB0	SM1222 DQ 16x24VDC	T3C	T3	60°C
6ES7 222-1HF30-0XB0	SM1222 DQ 8xRLY	T3C	T3	60°C
6ES7 222-1HF32-0XB0	SM1222 DQ 8xRLY	T3C	T3	60°C
6ES7 222-1HH30-0XB0	SM1222 DQ 16xRLY	T3C	T3	60°C
*6ES7 222-1HH32-0XB0	SM1222 DQ 16xRLY	T3C	T3	60°C
6ES7 222-1XF30-0XB0	SM1222 DQ 8x Relay Changeover	T3C	T3	60°C
*6ES7 222-1XF32-0XB0	SM1222 DQ 8x Relay Changeover	T3C	T3	60°C
6ES7 223-0BD30-0XB0	SB1223 DI 2x24VDC/DQ 2x24VDC	T3C	T3	60°C
6ES7 223-1BH30-0XB0	SM1223 DI 8x24VDC/DQ 8x24VDC	T3C	T3	60°C
6ES7 223-1BH32-0XB0	SM1223 DI 8x24VDC/DQ 8x24VDC	T3C	T3	60°C
6ES7 223-1BL30-0XB0	SM1223 DI 16x24VDC/DQ 16x24VDC	T3C	T3	60°C
6ES7 223-1BL32-0XB0	SM1223 DI 16x24VDC/DQ 16x24VDC	T3C	T3	60°C
6ES7 223-1PH30-0XB0	SM1223 DI 8x24VDC/DQ 8xRLY	T3C	T3	60°C
6ES7 223-1PL30-0XB0	SM1223 DI 16x24VDC/DQ 16xRLY	T3C	T3	60°C

Model No.	Description	T-Code*	T-Code**	Tambient
*6ES7 223-1PL32-0XB0	SM1223 DI 16x24VDC/DQ 16xRLY	T3C	T3	60°C
6ES7 223-1QH30-0XB0	SM1223 DI 8 x AC/DQ 8 x RLY	T3C	T3	60°C
*6ES7 223-1QH32-0XB0	SM1223 DI 8 x AC/DQ 8 x RLY	T3C	T3	60°C
6ES7 223-3AD30-0XB0	SB1223 DI 2x5VDC / DQ 2x5VDC	T3C	T3	60°C
6ES7 223-3BD30-0XB0	SB1223 DI 2x24VDC / DQ 2x24VDC	T3C	T3	60°C
6ES7 226-6BA32-0XB0	SM1226 F-DI 16 x 24 VDC	T3C	T3	55°C
6ES7 226-6DA32-0XB0	SM1226 F-DQ 4 x 24 VDC	T3C	T3	55°C
6ES7 226-6RA32-0XB0	SM1226 F-DQ 2 x RLY	T3C	T3	55°C
6ES7 231-4HA30-0XB0	SB1231 AI 1 x 12 BIT	T3C	T3	60°C
6ES7 231-4HD30-0XB0	SM1231 AI 4x13 BIT	T3C	T3	60°C
6ES7 231-4HD32-0XB0	SM1231 AI 4x13 BIT	T3C	T3	60°C
6ES7 231-4HF30-0XB0	SM1231 AI 8 x 13 BIT	T3C	T3	60°C
6ES7 231-4HF32-0XB0	SM1231 AI 8 x 13 BIT	T3C	T3	60°C
6ES7 231-5ND30-0XB0	SM1231 AI 4 x 16 BIT HF	T3C	T3	60°C
6ES7 231-5ND32-0XB0	SM1231 AI 4 x 16 BIT HF	T3C	T3	60°C
6ES7 231-5PA30-0XB0	SB1231 AI 1 x RTD	T3C	T3	60°C
6ES7 231-5PD30-0XB0	SM1231 AI 4xRTD	T3C	T3	60°C
6ES7 231-5PD32-0XB0	SM1231 AI 4xRTD	T3C	T3	60°C
6ES7 231-5PF30-0XB0	SM1231 AI 8 x RTD	T3C	T3	60°C
6ES7 231-5PF32-0XB0	SM1231 AI 8 x RTD	T3C	T3	60°C
6ES7 231-5QA30-0XB0	SB1231 AI 1 x TC	T3C	T3	60°C
6ES7 231-5QD30-0XB0	SM1231 AI 4xTC	T3C	T3	60°C
6ES7 231-5QD32-0XB0	SM1231 AI 4xTC	T3C	T3	60°C
6ES7 231-5QF30-0XB0	SM1231 AI 8 x TC	T3C	T3	60°C
6ES7 231-5QF32-0XB0	SM1231 AI 8 x TC	T3C	T3	60°C
6ES7 232-4HA30-0XB0	SB1232 AQ 1x12 BIT	T3C	T3	60°C
6ES7 232-4HB30-0XB0	SM1232 AQ 2x14BIT	T3C	T3	60°C
6ES7 232-4HB32-0XB0	SM1232 AQ 2x14BIT	T3C	T3	60°C
6ES7 232-4HD30-0XB0	SM1232 AQ 4 x 14 BIT	T3C	T3	60°C
6ES7 232-4HD32-0XB0	SM1232 AQ 4 x 14 BIT	T3C	T3	60°C
6ES7 234-4HE30-0XB0	SM1234 AI 4x13BIT/AQ 2x14BIT	T3C	T3	60°C
6ES7 234-4HE32-0XB0	SM1234 AI 4x13BIT/AQ 2x14BIT	T3C	T3	60°C
6ES7 241-1AH30-0XB0	CM1241 RS232	T3C	T3	60°C
6ES7 241-1AH32-0XB0	CM1241 RS232	T3C	T3	60°C
6ES7 241-1CH30-0XB0	CM1241 RS485	T3C	T3	60°C
6ES7 241-1CH30-1XB0	CB1231 RS485	T3C	T3	60°C
6ES7 241-1CH31-0XB0	CM1241 RS422/485	T3C	T3	60°C
6ES7 241-1CH32-0XB0	CM1241 RS422 / 485	T3C	T3	60°C
6ES7 274-1XA30-0XA0	Potentiometer Module	T3C	T3	60°C
6ES7 278-4BD32-0XB0	SM1278 IO-Link Master	T3C	T3	60°C
6ES7 290-6AA30-0XA0	EXPANSION CABLE	T3C	T3	60°C
6ES7 297-0AX30-0XA0	BB1297 Battery Board	T3C	T3	60°C
6AV6 675-5XF00-0AX0	CPU1214C DC/DC/RLY	T4A	T4	40°C

Special Condition of Use:

1. The modules shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application including access only by the use of a tool.
2. Modules marked with an asterisk (*) are derated to 55°C when mounted horizontally and 45°C when mounted vertically if configured for maximum load. See user's manual for derating information.

Equipment Ratings:

Nonincendive for use in Class I, Division 2, Groups A, B, C & D, and Class I, Zone 2, Group IIC
Hazardous (Classified) Locations

FM Approved for:

Siemens Industry Inc
Johnson City, TN

This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	2011
Class 3611	2004
Class 3810	2005

Original Project ID: 3033324

Approval Granted: August 8, 2008

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3034262	November 7, 2008	3053310	January 23, 2015
3034994	January 26, 2009	150130	February 27, 2015
3037497	November 5, 2009	RR201500	August 13, 2015
3039520	May 20, 2010		
100601	July 15, 2010		
100901	September 2, 2010		
100901-2	September 24, 2010		
3040789	October 25, 2010		
3044189	October 26, 2011		
3044539	January 18, 2012		
3045078	March 13, 2012		
3045852	March 23, 2012		
121025	November 30, 2012		
3048589	April 15, 2013		
3049570	May 31, 2013		
130620	August 9, 2013		
130710	August 30, 2013		
3050094	September 27, 2013		
140707	July 24, 2014		

FM Approvals LLC



J.E. Marquedant
Manager of Electrical Systems

13 August 2015

Date

FM Approvals
1151 Boston Providence Turnpike
P.O. Box 9102 Norwood, MA 02062 USA
T: 781 762 4300 F: 781-762-9375 www.fmaprovals.com

CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

S7-1200 Programmable Controller System

NI / I / 2 / ABCD / T*

Model No.	Description	T-Code*	Tambient
6ES7 211-1AD30-0XB0	CPU1211C DC/DC/DC	T4A	40°C
6ES7 211-1AE31-0XB0	CPU1211C DC/DC/DC	T3C	60°C
6ES7 211-1AE40-0XB0	CPU1211C DC/DC/DC	T3C	60°C
*6ES7 212-1AF40-0XB0	CPU1212FC DC/DC/DC	T3C	55°C
6ES7 211-1BD30-0XB0	CPU1211C AC/DC/RLY	T4A	40°C
6ES7 211-1BE31-0XB0	CPU1211C AC/DC/RLY 24V	T3C	60°C
6ES7 211-1BE40-0XB0	CPU1211C AC/DC/RLY 24V	T3C	60°C
6ES7 211-1HD30-0XB0	CPU1211C DC/DC/RLY	T4A	40°C
6ES7 211-1HE31-0XB0	CPU1211C DC/DC/RLY 18V	T3C	60°C
6ES7 211-1HE40-0XB0	CPU1211C DC/DC/RLY 18V	T3C	60°C
6ES7 212-1AD30-0XB0	CPU1212C DC/DC/DC	T4A	40°C
6ES7 212-1AE31-0XB0	CPU1212C DC/DC/DC	T3C	60°C
6ES7 212-1AE40-0XB0	CPU1212C DC/DC/DC	T3C	60°C
6ES7 212-1AE40-0XB0-Z	CPU1212C DC/DC/DC	T3C	60°C
6ES7 212-1BD30-0XB0	CPU1212C AC/DC/RLY	T4A	40°C
6ES7 212-1BE31-0XB0	CPU1212C AC/DC/RLY 24V	T3C	60°C
6ES7 212-1BE40-0XB0	CPU1212C AC/DC/RLY 24V	T3C	60°C
6ES7 212-1HD30-0XB0	CPU1212C DC/DC/RLY	T4A	40°C
6ES7 212-1HE31-0XB0	CPU1212C DC/DC/RLY 18V	T3C	60°C
6ES7 212-1HE40-0XB0	CPU1212C DC/DC/RLY 18V	T3C	60°C
6ES7 212-1HF40-0XB0	CPU1212C DC/DC/RLY 18V	T3C	60°C
6ES7 214-1AE30-0XB0	CPU1214C DC/DC/DC	T4A	40°C
6ES7 214-1AF40-0XB0	CPU1214FC DC/DC/DC	T3C	55°C

Model No.	Description	T-Code*	Tambient
*6ES7 214-1AG31-0XB0	CPU1214C DC/DC/DC	T3C	60°C
*6ES7 214-1AG40-0XB0	CPU1214C DC/DC/DC	T3C	60°C
6ES7 214-1BE30-0XB0	CPU1214C AC/DC/RLY 24V	T4A	40°C
*6ES7 214-1BG31-0XB0	CPU1214C AC/DC/RLY 24V	T3C	60°C
*6ES7 214-1BG40-0XB0	CPU1214C AC/DC/RLY 24V	T3C	60°C
6ES7 214-1HE30-0XB0	CPU1214C DC/DC/RLY 18V	T4A	40°C
6ES7 214-1HF40-0XB0	CPU1214FC DC/DC/RLY 18V	T3C	55°C
*6ES7 214-1HG31-0XB0	CPU1214C DC/DC/RLY 18V	T3C	60°C
*6ES7 214-1HG40-0XB0	CPU1214C DC/DC/RLY 18V	T3C	60°C
6ES7 215-1AF40-0XB0	CPU1215FC DC/DC/DC	T3C	55°C
*6ES7 215-1AG31-0XB0	CPU1215C DC/DC/DC	T3C	60°C
*6ES7 215-1AG40-0XB0	CPU1215C DC/DC/DC	T3C	60°C
*6ES7 215-1AL31-0XB0	CPU1215C DC/DC/DC 200k	T3C	60°C
*6ES7 215-1AL40-0XB0	CPU1215C DC/DC/DC 200k	T3C	60°C
*6ES7 215-1AM31-0XB0	CPU1215C DC/DC/DC 500k	T3C	60°C
*6ES7 215-1AM40-0XB0	CPU1215C DC/DC/DC 500k	T3C	60°C
*6ES7 215-1BG31-0XB0	CPU1215C AC/DC/RLY 24V	T3C	60°C
*6ES7 215-1BG40-0XB0	CPU1215C AC/DC/RLY 24V	T3C	60°C
6ES7 215-1HF40-0XB0	CPU1215FC DC/DC/RLY 18V	T3C	55°C
6ES7 215-1HG31-0XB0	CPU1215C DC/DC/RLY 18V	T3C	60°C
6ES7 215-1HG40-0XB0	CPU1215C DC/DC/RLY 18V	T3C	60°C
*6ES7 217-1AG40-0XB0	CPU1217C DC/DC/DC	T3C	60°C
6ES7 221-1BF30-0XB0	SM1221 DI 8x24VDC	T3C	60°C
6ES7 221-1BF32-0XB0	SM1221 DI 8x24VDC	T3C	60°C
6ES7 221-1BH30-0XB0	SM1221 DI 16x24VDC	T3C	60°C
6ES7 221-1BH32-0XB0	SM1221 DI 16x24VDC	T3C	60°C
6ES7 221-3AD30-0XB0	SB1221 DI 4x5VDC	T3C	60°C
*6ES7 221-3BD30-0XB0	SB1221 DI 4x24VDC	T3C	60°C
6ES7 222-1AD30-0XB0	SB1222 DQ 4x5VDC	T3C	60°C
*6ES7 222-1BD30-0XB0	SB1222 DQ 4x24VDC	T3C	60°C
6ES7 222-1BF30-0XB0	SM1222 DQ 8x24VDC	T3C	60°C
6ES7 222-1BF32-0XB0	SM1222 DQ 8x24VDC	T3C	60°C
6ES7 222-1BH30-0XB0	SM1222 DQ 16x24VDC	T3C	60°C
6ES7 222-1BH32-0XB0	SM1222 DQ 16x24VDC	T3C	60°C
6ES7 222-1HF30-0XB0	SM1222 DQ 8xRLY	T3C	60°C
6ES7 222-1HF32-0XB0	SM1222 DQ 8xRLY	T3C	60°C
6ES7 222-1HH30-0XB0	SM1222 DQ 16xRLY	T3C	60°C
*6ES7 222-1HH32-0XB0	SM1222 DQ 16xRLY	T3C	60°C
6ES7 222-1XF30-0XB0	SM1222 DQ 8x Relay Changeover	T3C	60°C
*6ES7 222-1XF32-0XB0	SM1222 DQ 8x Relay Changeover	T3C	60°C
6ES7 223-0BD30-0XB0	SB1223 DI 2x24VDC/DQ 2x24VDC	T3C	60°C
6ES7 223-1BH30-0XB0	SM1223 DI 8x24VDC/DQ 8x24VDC	T3C	60°C
6ES7 223-1BH32-0XB0	SM1223 DI 8x24VDC/DQ 8x24VDC	T3C	60°C
6ES7 223-1BL30-0XB0	SM1223 DI 16x24VDC/DQ 16x24VDC	T3C	60°C
6ES7 223-1BL32-0XB0	SM1223 DI 16x24VDC/DQ 16x24VDC	T3C	60°C
6ES7 223-1PH30-0XB0	SM1223 DI 8x24VDC/DQ 8xRLY	T3C	60°C
6ES7 223-1PL30-0XB0	SM1223 DI 16x24VDC/DQ 16xRLY	T3C	60°C
*6ES7 223-1PL32-0XB0	SM1223 DI 16x24VDC/DQ 16xRLY	T3C	60°C

Model No.	Description	T-Code*	Tambient
6ES7 223-1QH30-0XB0	SM1223 DI 8 x AC/DQ 8 x RLY	T3C	60°C
*6ES7 223-1QH32-0XB0	SM1223 DI 8 x AC/DQ 8 x RLY	T3C	60°C
6ES7 223-3AD30-0XB0	SB1223 DI 2x5VDC / DQ 2x5VDC	T3C	60°C
6ES7 223-3BD30-0XB0	SB1223 DI 2x24VDC / DQ 2x24VDC	T3C	60°C
6ES7 226-6BA32-0XB0	SM1226 F-DI 16 x 24 VDC	T3C	55°C
6ES7 226-6DA32-0XB0	SM1226 F-DQ 4 x 24 VDC	T3C	55°C
6ES7 226-6RA32-0XB0	SM1226 F-DQ 2 x RLY	T3C	55°C
6ES7 231-4HA30-0XB0	SB1231 AI 1 x 12 BIT	T3C	60°C
6ES7 231-4HD30-0XB0	SM1231 AI 4x13 BIT	T3C	60°C
6ES7 231-4HD32-0XB0	SM1231 AI 4x13 BIT	T3C	60°C
6ES7 231-4HF30-0XB0	SM1231 AI 8 x 13 BIT	T3C	60°C
6ES7 231-4E32-0XB0	SM1231 AI 8 x 13 BIT	T3C	60°C
6ES7 231-5ND30-0XB0	SM1231 AI 4 x 16 BIT HF	T3C	60°C
6ES7 231-5ND32-0XB0	SM1231 AI 4 x 16 BIT HF	T3C	60°C
6ES7 231-5PA30-0XB0	SB1231 AI 1 x RTD	T3C	60°C
6ES7 231-5PD30-0XB0	SM1231 AI 4xRTD	T3C	60°C
6ES7 231-5PD32-0XB0	SM1231 AI 4xRTD	T3C	60°C
6ES7 231-5PF30-0XB0	SM1231 AI 8 x RTD	T3C	60°C
6ES7 231-5PF32-0XB0	SM1231 AI 8 x RTD	T3C	60°C
6ES7 231-5QA30-0XB0	SB1231 AI 1 x TC	T3C	60°C
6ES7 231-5QD30-0XB0	SM1231 AI 4xTC	T3C	60°C
6ES7 231-5QD32-0XB0	SM1231 AI 4xTC	T3C	60°C
6ES7 231-5QF30-0XB0	SM1231 AI 8 x TC	T3C	60°C
6ES7 231-5QF32-0XB0	SM1231 AI 8 x TC	T3C	60°C
6ES7 232-4HA30-0XB0	SB1232 AQ 1x12 BIT	T3C	60°C
6ES7 232-4HB30-0XB0	SM1232 AQ 2x14BIT	T3C	60°C
6ES7 232-4HB32-0XB0	SM1232 AQ 2x14BIT	T3C	60°C
6ES7 232-4HD30-0XB0	SM1232 AQ 4 x 14 BIT	T3C	60°C
6ES7 232-4HD32-0XB0	SM1232 AQ 4 x 14 BIT	T3C	60°C
6ES7 234-4HE30-0XB0	SM1234 AI 4x13BIT/AQ 2x14BIT	T3C	60°C
6ES7 234-4HE32-0XB0	SM1234 AI 4x13BIT/AQ 2x14BIT	T3C	60°C
6ES7 241-1AH30-0XB0	CM1241 RS232	T3C	60°C
6ES7 241-1AH32-0XB0	CM1241 RS232	T3C	60°C
6ES7 241-1CH30-0XB0	CM1241 RS485	T3C	60°C
6ES7 241-1CH30-1XB0	CB1231 RS485	T3C	60°C
6ES7 241-1CH31-0XB0	CM1241 RS422/485	T3C	60°C
6ES7 241-1CH32-0XB0	CM1241 RS422 / 485	T3C	60°C
6ES7 274-1XA30-0XA0	Potentiometer Module	T3C	60°C
6ES7 278-4BD32-0XB0	SM1278 IO-Link Master	T3C	60°C
6ES7 290-6AA30-0XA0	EXPANSION CABLE	T3C	60°C
6ES7 297-0AX30-0XA0	BB1297 Battery Board	T3C	60°C
6AV6 675-5XF00-0AX0	CPU1214C DC/DC/RLY	T4A	40°C

Special Condition of Use:

1. The modules shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application including access only by the use of a tool.
2. Modules marked with an asterisk (*) are derated to 55°C when mounted horizontally and 45°C when mounted vertically if configured for maximum load. See user's manual for derating information.

Equipment Ratings:

Nonincendive for use in Class I, Division 2, Groups A, B, C & D, and Class I, Zone 2, Group IIC
Hazardous (Classified) Locations

FM Approved for:

Siemens Industry Inc
Johnson City, TN

This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

CSA C22.2 No. 213	2013
CSA C22.2 No. 1010.1	2004

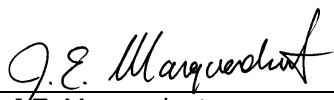
Original Project ID: 3033324C

Approval Granted: August 8, 2008

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3034262	November 7, 2008	140707	July 24, 2014
3034994	January 26, 2009	3053310	January 23, 2015
3037497	November 5, 2009	150130	February 27, 2015
3039520	May 20, 2010	RR201500	August 13, 2015
100601	July 15, 2010		
3038667	June 10, 2010		
100901	September 2, 2010		
100901-2	September 24, 2010		
3040789	October 25, 2010		
3044189	October 26, 2011		
3044539	January 18, 2012		
3045078	March 13, 2012		
3045852	March 23, 2012		
121025	November 30, 2012		
3048589	April 15, 2013		
3049570	May 31, 2013		
130620	August 9, 2013		
130710	August 30, 2013		
3050094	September 27, 2013		

FM Approvals LLC


J.E. Marquedant
Manager of Electrical Systems

13 August 2015
Date