

## (1) TYPE EXAMINATION CERTIFICATE

### (2) Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC

- (3) Type Examination Certificate Number: **KEMA 04ATEX1130 X** Issue Number: **32**
- (4) Equipment: **Modules Type 6ES7 ...-..... for Second Generation Programmable Controller System S7-200 and/or for Programmable Controller System S7-1200.**
- (5) Manufacturer: **Siemens Industry, Inc., Industry Automation Div.**
- (6) Address: **One Internet Plaza, Johnson City, TN 37604, USA**
- (7) This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) KEMA Quality B.V. certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the directive.  
The examination and test results are recorded in confidential test report no. 213929600.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- EN 60079-0 : 2006**                      **EN 60079-15 : 2005**
- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This Type Examination Certificate relates only to the design, examination and tests of the specified equipment and not to the manufacturing process and supply of this equipment.
- (12) The marking of the equipment shall include the following:



**II 3 G Ex nA II T4**

This certificate is issued on October 18, 2010 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

KEMA Quality B.V.

C.G. van Es  
Certification Manager

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(13) **SCHEDULE**

(14) **to Type Examination Certificate KEMA 04ATEX1130 X**

Issue No. **32**

(15) **Description**

Modules Type 6ES7 ... for use in a SIMATIC S7-200 Second Generation Programmable Logic Controller System and/or for use in Programmable Controller System S7-1200.

The type code, the maximum ambient temperature and the temperature class of the modules shall be taken from drawing A5E00422174A, rev. 15.

Minimum ambient temperature 0 °C.

**Electrical data**

The electrical data of the modules shall be taken from drawing A5E00422174A, rev. 15.

**Installation instructions**

The manual provided with the equipment shall be followed in detail to assure proper and safe operation.

(16) **Test Report**

KEMA No. 213929600.

(17) **Special conditions for safe use**

1. The modules shall be installed in a suitable enclosure providing a degree of protection of at least IP54 according to EN 60529, taking into account the environmental conditions under which the equipment will be used.
2. When the temperature under rated conditions exceeds 70 °C at the cable or conduit entry point, or 80 °C at the branching point of the conductors, the temperature specification of the selected cable shall be in compliance with the actual measured temperature.
3. Provisions shall be made to prevent the rated voltage from being exceeded by transient disturbances of more than 40%.

(18) **Essential Health and Safety Requirements**

Covered by the standard listed at (9).

(19) **Test documentation**

As listed in Test Report No. 213929600.

## Regulatory Approval Summary: S7 200 Gen 2 and S7 1200

Description	Model number/MLFB	Temp. Class NEC 505 Zone 2	Temp. Class NEC 500 Div 2	Maximum Ambient Haz Loc Ta:	Supply Volt.	Ex	FM	UL	UL	CE	CE	UL	CCC	CCC	Lloyd's	ABS	BSI	DNV	UL	UL	
						ATEX Cat. 3	APPROVED CL.I, DIV.2 CL.I, Zone2	US Ord. Loc	US Haz. Loc	LVD	EMC			Register							
CPU 221 DC/DC/DC	6ES7 211-0AA20-0XB0	T4	T4A	40°C	24Vdc		X	X							X	X	X	X	X	X	X
CPU 221 DC/DC/DC	6ES7 211-0AA21-0XB0	T4	T4A	40°C	24Vdc		X	X			X				X	X	X	X	X	X	X
CPU 221 DC/DC/DC	6ES7 211-0AA22-0XB0	T4	T4A	40°C	24Vdc		X	X			X				X	X	X	X	X	X	X
CPU 221 DC/DC/DC	6ES7 211-0AA23-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X				X	X	X	X	X	X	X
CPU 221 AC/DC/RLY	6ES7 211-0BA20-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 221 AC/DC/RLY	6ES7 211-0BA21-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 221 AC/DC/RLY	6ES7 211-0BA22-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 221 AC/DC/RLY	6ES7 211-0BA23-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU1211C DC/DC/DC	6ES7 211-1AD30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X				X	X	X	X	X	X	X
CPU1211C AC/DC/RLY	6ES7 211-1BD30-0XB0	T4	T4A	40°C	230Vac		X	X			X				X	X	X	X	X	X	X
CPU1211C DC/DC/RLY	6ES7 211-1HD30-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 222 DC/DC/DC	6ES7 212-1AB20-0XB0	T4	T4A	40°C	24Vdc		X	X			X				X	X	X	X	X	X	X
CPU 222 DC/DC/DC	6ES7 212-1AB21-0XB0	T4	T4A	40°C	24Vdc		X	X			X				X	X	X	X	X	X	X
CPU 222 DC/DC/DC	6ES7 212-1AB22-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X				X	X	X	X	X	X	X
CPU1212C DC/DC/DC	6ES7 212-1AD30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X				X	X	X	X	X	X	X
CPU 222 AC/DC/RLY	6ES7 212-1BB20-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 222 AC/DC/RLY	6ES7 212-1BB21-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 222 AC/DC/RLY	6ES7 212-1BB22-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 222 AC/DC/RLY	6ES7 212-1BB23-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU1212C AC/DC/RLY	6ES7 212-1BD30-0XB0	T4	T4A	40°C	230Vac		X	X			X				X	X	X	X	X	X	X
CPU 224 DC/DC/DC	6ES7 214-1AD20-0XB0	T4	T4A	40°C	24Vdc		X	X			X				X	X	X	X	X	X	X
CPU 224 DC/DC/DC	6ES7 214-1AD21-0XB0	T4	T4A	40°C	24Vdc		X	X			X				X	X	X	X	X	X	X
CPU 224 DC/DC/DC	6ES7 214-1AD22-0XB0	T4	T4A	40°C	24Vdc		X	X			X				X	X	X	X	X	X	X
CPU 224 DC/DC/DC	6ES7 214-1AD23-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X				X	X	X	X	X	X	X
CPU1214C DC/DC/DC	6ES7 214-1AE30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X				X	X	X	X	X	X	X
CPU 224 AC/DC/RLY	6ES7 214-1BD20-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 224 AC/DC/RLY	6ES7 214-1BD21-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 224 AC/DC/RLY	6ES7 214-1BD22-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 224 AC/DC/RLY	6ES7 214-1BD23-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU1214C AC/DC/RLY 24V	6ES7 214-1BE30-0XB0	T4	T4A	40°C	230Vac		X	X			X				X	X	X	X	X	X	X
CPU1214C DC/DC/RLY 18V	6ES7 214-1HE30-0XB0	T4	T4A	40°C	230Vac		X	X			X				X	X	X	X	X	X	X
CPU 224XP DC/DC/DC	6ES7 214-2AD23-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X				X	X	X	X	X	X	X
CPU 224Psi DC/DC/DC	6ES7 214-2AS23-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X				X	X	X	X	X	X	X
CPU 224XP AC/DC/RLY	6ES7 214-2BD23-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 226 DC/DC/DC	6ES7 216-2AD21-0XB0	T4	T4A	40°C	24Vdc		X	X			X				X	X	X	X	X	X	X
CPU 226 DC/DC/DC	6ES7 216-2AD22-0XB0	T4	T4A	40°C	24Vdc		X	X			X				X	X	X	X	X	X	X
CPU 226 DC/DC/DC	6ES7 216-2AD23-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X				X	X	X	X	X	X	X
CPU 226 DC/DC/DC	6ES7 216-2AF21-0XB0	T4	T4A	40°C	24Vdc		X	X			X				X	X	X	X	X	X	X
CPU 226 DC/DC/DC	6ES7 216-2AF22-0XB0	T4	T4A	40°C	24Vdc		X	X			X				X	X	X	X	X	X	X
CPU 226 AC/DC/RLY	6ES7 216-2BD21-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 226 AC/DC/RLY	6ES7 216-2BD22-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 226 AC/DC/RLY	6ES7 216-2BD23-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 226 AC/DC/RLY	6ES7 216-2BF21-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
CPU 226 AC/DC/RLY	6ES7 216-2BF22-0XB0	T4	T4A	40°C	230Vac		X	X		X	X				X	X	X	X	X	X	X
EM221 24VDC INPUT	6ES7 221-1BF20-0XA0	T4	T4A	40°C	24Vdc		X	X			X				X	X	X	X	X	X	X
EM221 24VDC INPUT	6ES7 221-1BF21-0XA0	T4	T4A	40°C	24Vdc		X	X			X				X	X	X	X	X	X	X
EM221 24VDC INPUT	6ES7 221-1BF22-0XA0	T4	T4A	40°C	24Vdc	X	X	X			X				X	X	X	X	X	X	X
SM1221 DI 8x24VDC	6ES7 221-1BF30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X				X	X	X	X	X	X	X

EM221 24VDC INPUT	6ES7 221-1BH22-0XA0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X	X	X	X	X
SM1221 DI 16x24VDC	6ES7 221-1BH30-0XB0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X	X	X	X	X
EM221 120/230 VAC INPUT	6ES7 221-1EF22-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
EM222 24VDC OUTPUT	6ES7 222-1BD22-0XA0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X	X	X	X	X
EM222 24VDC OUTPUT	6ES7 222-1BF20-0XA0	T4	T4A	40°C	24Vdc		X	X						X	X	X	X	X	X	X
EM222 24VDC OUTPUT	6ES7 222-1BF21-0XA0	T4	T4A	40°C	24Vdc		X	X						X	X	X	X	X	X	X
EM222 24VDC OUTPUT	6ES7 222-1BF22-0XA0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X	X	X	X	X
SM1222 DQ 8x24VDC	6ES7 222-1BF30-0XB0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X			X	X
SM1222 DQ 16x24VDC	6ES7 222-1BH30-0XB0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X			X	X
EM222 120/230 VAC OUTPUT	6ES7 222-1EF22-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
EM222 DIGITAL OUTPUT 4xRLY	6ES7 222-1HD22-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
EM222 RLY OUTPUT	6ES7 222-1HF20-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
EM222 RLY OUTPUT	6ES7 222-1HF21-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
EM222 RLY OUTPUT	6ES7 222-1HF22-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
SM1222 DQ 8xRLY	6ES7 222-1HF30-0XB0	T4	T4A	40°C	230Vac		X	X		X				X	X	X			X	X
SM1222 DQ 16xRLY	6ES7 222-1HH30-0XB0	T4	T4A	40°C	230Vac		X	X		X				X	X	X			X	X
EM223 DC IN/RLY OUT	6ES7 223-1HF20-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
EM223 DC IN/RLY OUT	6ES7 223-1HF21-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
EM223 DC IN/RLY OUT	6ES7 223-1HF22-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
SB1223 DI 2x24VDC/DQ 2x24VDC	6ES7 223-0BD30-0XB0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X			X	X
EM223 4DC IN/4DC OUT	6ES7 223-1BF20-0XA0	T4	T4A	40°C	24Vdc		X	X						X	X	X	X	X	X	X
EM223 4DC IN/4DC OUT	6ES7 223-1BF21-0XA0	T4	T4A	40°C	24Vdc		X	X						X	X	X	X	X	X	X
EM223 4DC IN/4DC OUT	6ES7 223-1BF22-0XA0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X	X	X	X	X
EM223 24VDC IN/OUT	6ES7 223-1BH20-0XA0	T4	T4A	40°C	24Vdc		X	X						X	X	X	X	X	X	X
EM223 24VDC IN/OUT	6ES7 223-1BH21-0XA0	T4	T4A	40°C	24Vdc		X	X						X	X	X	X	X	X	X
EM223 24VDC IN/OUT	6ES7 223-1BH22-0XA0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X	X	X	X	X
SM1223 DI 8x24VDC/DQ 8x24VDC	6ES7 223-1BH30-0XB0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X			X	X
EM223 24VDC IN/OUT	6ES7 223-1BL20-0XA0	T4	T4A	40°C	24Vdc		X	X						X	X	X	X	X	X	X
EM223 24VDC IN/OUT	6ES7 223-1BL21-0XA0	T4	T4A	40°C	24Vdc		X	X						X	X	X	X	X	X	X
EM223 24VDC IN/OUT	6ES7 223-1BL22-0XA0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X	X	X	X	X
SM1223 DI 16x24VDC/DQ 16x24VDC	6ES7 223-1BL30-0XB0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X			X	X
EM223 I/O Module Input 32 x 24VDC / Output 32 x 24VDC	6ES7 223-1BM22-0XA0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X	X	X	X	X
EM223 DC IN/RLY OUT	6ES7 223-1PH20-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
EM223 DC IN/RLY OUT	6ES7 223-1PH21-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
EM223 DC IN/RLY OUT	6ES7 223-1PH22-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
SM1223 DI 8x24VDC/DQ 8xRLY	6ES7 223-1PH30-0XB0	T4	T4A	40°C	230Vac		X	X		X				X	X	X			X	X
EM223 DC IN/RLY OUT	6ES7 223-1PL20-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
EM223 DC IN/RLY OUT	6ES7 223-1PL21-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
EM223 DC IN/RLY OUT	6ES7 223-1PL22-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
SM1223 DI 16x24VDC/DQ 16xRLY	6ES7 223-1PL30-0XB0	T4	T4A	40°C	230Vac		X	X		X				X	X	X			X	X
EM223 I/O Module Input 32 x 24VDC / Output 32 x Rly	6ES7 223-1PM22-0XA0	T4	T4A	40°C	230Vac		X	X		X				X	X	X	X	X	X	X
EM231 AI	6ES7 231-0HC20-0XA0	T4	T4A	40°C	24Vdc		X	X		X				X	X	X	X	X	X	X
EM231 AI	6ES7 231-0HC21-0XA0	T4	T4A	40°C	24Vdc		X	X		X				X	X	X	X	X	X	X
EM231 AI	6ES7 231-0HC22-0XA0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X	X	X	X	X
EM231 AI 8 x 12 Analog Input Module	6ES7 231-0HF22-0XA0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X	X	X	X	X
SM1231 AI 4x13 BIT	6ES7 231-4HD30-0XB0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X			X	X
EM231 AI RTD	6ES7 231-7PB20-0XA0	T4	T4A	40°C	24Vdc		X	X						X	X	X	X	X	X	X
EM231 AI RTD	6ES7 231-7PB21-0XA0	T4	T4A	40°C	24Vdc		X	X						X	X	X	X	X	X	X
EM231 AI RTD	6ES7 231-7PB22-0XA0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X	X	X	X	X
EM231 AI 4x RTD Module	6ES7 231-7PC22-0XA0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X	X	X	X	X
EM231 AI TC	6ES7 231-7PD20-0XA0	T4	T4A	40°C	24Vdc		X	X						X	X	X	X	X	X	X
EM231 AI TC	6ES7 231-7PD21-0XA0	T4	T4A	40°C	24Vdc		X	X						X	X	X	X	X	X	X
EM231 AI TC	6ES7 231-7PD22-0XA0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X	X	X	X	X
EM231 AI 8x TC Module	6ES7 231-7PF22-0XA0	T4	T4A	40°C	24Vdc	X	X	X						X	X	X	X	X	X	X
EM232 AO	6ES7 232-0HB20-0XA0	T4	T4A	40°C	24Vdc		X	X						X	X	X	X	X	X	X
EM232 AO	6ES7 232-0HB21-0XA0	T4	T4A	40°C	24Vdc		X	X						X	X	X	X	X	X	X

EM232 AO	6ES7 232-0HB22-0XA0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X	X	X	X	X	X
EM231 AO 4 x 12 Analog Output Module	6ES7 232-0HD22-0XA0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X	X	X	X	X	X
SB1232 AQ 1x12 BIT	6ES7 232-4HA30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X	X	X	X	X	X
SM1232 AQ 2x14BIT	6ES7 232-4HB30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X	X	X	X	X	X
SM1234 AI 4x13BIT/AQ 2x14BIT	6ES7 234-4HE30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X	X	X	X	X	X
EM235 AI/AO	6ES7 235-0KD20-0XA0	T4	T4A	40°C	24Vdc			X			X			X	X	X	X	X	X	X
EM235 AI/AO	6ES7 235-0KD22-0XA0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X	X	X	X	X	X
EM241 TELEPHONE MODEM	6ES7 241-1AA22-0XA0	T4	T4A	40°C				X		X	X	X		X	X	X	X	X	X	X
CM1241 RS232	6ES7 241-1AH30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X	X	X	X	X	X
CM1241 RS485	6ES7 241-1CH30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X	X	X	X	X	X
EM253 POSITION	6ES7 253-1AA22-0XA0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X	X	X	X	X	X
8 POSITION INPUT SIMULATOR	6ES7 274-1XF30-0XA0	T4	T4A	40°C	24Vdc			X			X			X						
14 POSITION INPUT SIMULATOR	6ES7 274-1XH30-0XA0	T4	T4A	40°C	24Vdc			X			X			X						
EM227 PROFIBUS COMM	6ES7 277-0AA20-0XA0	T4	T4A	40°C	24Vdc			X			X			X						
EM227 PROFIBUS COMM	6ES7 277-0AA21-0XA0	T4	T4A	40°C	24Vdc			X			X			X						
EM227 PROFIBUS COMM	6ES7 277-0AA22-0XA0	T4	T4A	40°C	24Vdc	X	X	X			X			X						
EXPANSION CABLE	6ES7 290-6AA20-0XA0	T4	T4A	40°C	24Vdc	X	X	X			X			X						
CPU BATTERY CARTRIDGE	6ES7 291-8BA20-0XA0	T4	T4A	40°C	5Vdc	X	X	X			X			X	X					
CPU 32K MEMORY CARTRIDGE	6ES7 291-8GE20-0XA0	T4	T4A	40°C	5Vdc	X	X	X			X			X	X					
CPU 64K MEMORY CARTRIDGE	6ES7 291-8GF23-0XA0	T4	T4A	40°C	5Vdc	X	X	X			X			X	X					
CPU 256K MEMORY CARTRIDGE	6ES7 291-8GH23-0XA0	T4	T4A	40°C	5Vdc	X	X	X			X			X	X					
CPU CLOCK CARTRIDGE	6ES7 297-1AA20-0XA0	T4	T4A	40°C	5Vdc	X	X	X			X			X						
CPU TOD CARTRIDGE	6ES7 297-1AA23-0XA0	T4	T4A	40°C	5Vdc	X	X	X			X			X						
PPI (232/485) CABLE	6ES7 901-3BF30-0XA0	T4	T4A	40°C	24Vdc	X	X	X			X			X						
232/PPI - MM CABLE	6ES7 901-3CB30-0XA0	T4	T4A	40°C	24Vdc	X	X	X			X			X						
USB/PPI - MM CABLE	6ES7 901-3DB30-0XA0	T4	T4A	40°C	24Vdc	X	X	X			X			X						
PPI (MODEM/RS232) CABLE	6NH9 701-0AD	T4	T4A	40°C	24Vdc	X	X	X			X			X						
EXPANSION CABLE	6ES7 290-6AA30-0XA0	T4	T4A	40°C	5Vdc	X	X	X			X			X						
SM1232 AQ 4 x 14 BIT	6ES7 232-4HD30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X				X	X
SM1231 AI 8 x 13 BIT	6ES7 231-4HF30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X				X	X
SB1223 DI 2x24VDC / DQ 2x24VDC	6ES7 223-3BD30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X				X	X
SB1223 DI 2x5VDC / DQ 2x5VDC	6ES7 223-3AD30-0XB0	T4	T4A	40°C	5Vdc	X	X	X			X			X	X				X	X
SB1222 DQ 4x24VDC	6ES7 222-1BD30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X				X	X
SB1222 DQ 4x5VDC	6ES7 222-1AD30-0XB0	T4	T4A	40°C	5Vdc	X	X	X			X			X	X				X	X
SB1221 DI 4x24VDC	6ES7 221-3BD30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X				X	X
SB1221 DI 4x5VDC	6ES7 221-3AD30-0XB0	T4	T4A	40°C	5Vdc	X	X	X			X			X	X				X	X
SM1231 AI 4xTC	6ES7 231-5QD30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X				X	X
SM1231 AI 4xRTD	6ES7 231-5PD30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X				X	X
CB1231 RS485	6ES7 241-1CH30-1XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X						
SB1231 AI 1 x 12 BIT	6ES7 231-4HA30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X						
SB1231 AI 1 x RTD	6ES7 231-5PA30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X						
SB1231 AI 1 x TC	6ES7 231-5QA30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X						
SM1231 AI 8 x RTD	6ES7 231-5PF30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X				X	X
SM1231 AI 8 x TC	6ES7 231-5QF30-0XB0	T4	T4A	40°C	24Vdc	X	X	X			X			X	X				X	X
SM1223 DI 8 x AC/DQ 8 x RLY	6ES7 223-1QH30-0XB0	T4	T4	40°C	230Vac			X			X			X	X				X	X