



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx DEK 13.0011X

Issue No: 22

Certificate history:

Status: **Current**

[Issue No. 22 \(2018-12-19\)](#)

[Issue No. 21 \(2018-09-13\)](#)

Date of Issue: **2018-12-19**

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[Issue No. 20 \(2018-07-19\)](#)

[Issue No. 19 \(2018-04-25\)](#)

Applicant: **Siemens AG**  
Werner-von-Siemens-Strasse 50  
92224 Amberg  
**Germany**

[Issue No. 18 \(2017-11-02\)](#)

[Issue No. 17 \(2017-09-07\)](#)

[Issue No. 16 \(2017-08-16\)](#)

[Issue No. 15 \(2017-04-11\)](#)

[Issue No. 14 \(2017-02-24\)](#)

[Issue No. 13 \(2016-08-23\)](#)

Equipment: **Programmable Logic Controller System SIMATIC ET 200SP, Modules Type 6ES7 ...**

*Optional accessory:*

Type of Protection: **Ex nA**

Marking:  
Ex nA IIC T4 Gc

*Approved for issue on behalf of the IECEx  
Certification Body:*

R. Schuller

*Position:*

Certification Manager

*Signature:  
(for printed version)*

*Date:*

2018-12-19

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](#).

Certificate issued by:

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





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Manufacturer: **Siemens AG**  
Werner-von-Siemens-Strasse 50  
92224 Amberg  
Germany

Additional Manufacturing location(s):

**Siemens Industrial Automation Products Ltd.**

Tianyuan Rd 99,  
West Hi-Tech Zone,  
Chengdu,  
Sichuan, 611731  
China

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

**STANDARDS:**

The apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

**IEC 60079-0 : 2011** Explosive atmospheres - Part 0: General requirements  
Edition:6,0

**IEC 60079-15 : 2010** Explosive atmospheres - Part 15: Equipment protection by type of protection "n"  
Edition:4

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

**TEST & ASSESSMENT REPORTS:**

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:

NL/DEK/ExTR13.0013/00	NL/DEK/ExTR13.0013/01	NL/DEK/ExTR13.0013/02
NL/DEK/ExTR13.0013/03	NL/DEK/ExTR13.0013/04	NL/DEK/ExTR13.0013/05
NL/DEK/ExTR13.0013/06	NL/DEK/ExTR13.0013/07	NL/DEK/ExTR13.0013/08
NL/DEK/ExTR13.0013/09	NL/DEK/ExTR13.0013/10	NL/DEK/ExTR13.0013/11
NL/DEK/ExTR13.0013/12	NL/DEK/ExTR13.0013/13	NL/DEK/ExTR13.0013/14
NL/DEK/ExTR13.0013/15	NL/DEK/ExTR13.0013/16	NL/DEK/ExTR13.0013/17
NL/DEK/ExTR13.0013/18	NL/DEK/ExTR13.0013/19	NL/DEK/ExTR13.0013/20
NL/DEK/ExTR13.0013/21	NL/DEK/ExTR13.0013/22	

Quality Assessment Report:

GB/FME/QAR18.0005/00      NL/DEK/QAR12.0079/04



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

Modules Type 6ES7 ... for use in SIMATIC ET 200SP Programmable Logic Controller Systems.

The type code, the ambient temperature range and the temperature class of the modules shall be taken from Table 1, see Annex 1.

### Electrical data

The electrical data of the supply and the input and output circuits shall be taken from Table 1, see Annex 1.

### SPECIFIC CONDITIONS OF USE: YES as shown below:

The equipment shall only be used in an area of not more than pollution degree 2, as defined in IEC 60664-1.

The equipment shall be installed in a suitable enclosure providing a degree of protection of at least IP54 according to IEC 60079-15, taking into account the environmental conditions under which the equipment will be used.

Provisions shall be made to prevent the rated voltage from being exceeded by transient disturbances of more than 119 V.



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):**

Addition of modules 6ES7 193-6BP60-0BA0 and 6ES7 193-6BP60-0DA0 to the range of SIMATIC ET 200SP Programmable Logic Controller Systems.

**Annex:**

[223269000 Annex-1.pdf](#)

**Annex 1 to Certificate of Conformity IECEx DEK 13.0011X /  
Testreport NL/DEK/ExTR13.0013/22**

**Table 1**

Description	Type/MLFB No.	Temp. code	Ambient Range	Technical Data	Supply Volt.
8DI, 24Vdc HF	6ES7 131-6BF00-0CA0	T4	-30...+60°C	supply - 24 Vdc, 760 mA Inputs - 24 Vdc, 8 channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
8DI, 24Vdc HS	6ES7 131-6BF00-0DA0	T4	-30...+60°C	supply - 24 Vdc, 770 mA Inputs - 24 Vdc, 8 channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
8DI, 24Vdc BA	6ES7 131-6BF01-0AA0	T4	-30...+60°C	supply - 24 Vdc, 770 mA Inputs - 24 Vdc, 8 channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
8DI, 24Vdc ST	6ES7 131-6BF01-0BA0	T4	-30...+60°C	supply - 24 Vdc, 750 mA Inputs - 24 Vdc, 8 channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
8DI, 24Vdc SRC BA	6ES7 131-6BF61-0AA0	T4	-30...+60°C	supply - 24 Vdc, 68 mA Inputs - 24 Vdc, 8 channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
16DI, 24Vdc ST	6ES7 131-6BH01-0BA0	T4	-30...+60°C	supply - 24 Vdc, 90 mA Inputs - 24 Vdc, 16 channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
8DI NAMUR HF	6ES7 131-6TF00-0CA0	T4	-30...+60°C	supply - 24 Vdc, 70 mA Inputs - 24 Vdc, 8 channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
4DQ, 24Vdc/2A ST	6ES7 132-6BD20-0BA0	T4	-30...+60°C	supply - 24 Vdc, 8 A Outputs - 24 Vdc, 4 channels at 40°C to 60°C: 8 A to 4 A horizontally mounted at 30°C to 50°C: 8 A to 4 A vertically mounted	24Vdc
4DQ, 24Vdc/2A HF	6ES7 132-6BD20-0CA0	T4	-30...+60°C	supply - 24 Vdc, 8 A Outputs - 24 Vdc, 4 channels at 40°C to 60°C: 8 A to 4 A horizontally mounted at 30°C to 50°C: 8 A to 4 A vertically mounted	24Vdc
4DQ, 24Vdc/2A HS	6ES7 132-6BD20-0DA0	T4	-30...+60°C	supply - 24 Vdc, 8 A Outputs - 24 Vdc, 4 channels At 25°C to 50°C: 8 A to 4 A total load vertically mounted At 35°C to 60°C: 8 A to 2.5 A total load horizontally mounted	24Vdc
8DQ, 24Vdc/0,5A HF	6ES7 132-6BF00-0CA0	T4	-30...+60°C	supply - 24 Vdc, 4 A Outputs - 24 Vdc, 8 channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
8DQ, 24Vdc/0,5A BA	6ES7 132-6BF01-0AA0	T4	-30...+60°C	supply - 24 Vdc, 4 A Outputs - 24 Vdc, 8 channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
8DQ, 24Vdc/0,5A ST	6ES7 132-6BF01-0BA0	T4	-30...+60°C	supply - 24 Vdc, 4 A Outputs - 24 Vdc, 8 channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
8DQ, 24Vdc/0,5A SINK BA	6ES7 132-6BF61-0AA0	T4	-25...+60°C	supply - 24 Vdc, 4 A Outputs - 24 Vdc, 8 channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc

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DQ 16x24VDC/0,5A BA	6ES7 132-6BH00-0AA0	T4	0...+60°C	supply - 24 Vdc, 8 A Outputs - 24 Vdc, 16 channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
16DQ, 24Vdc/0,5A ST	6ES7 132-6BH01-0BA0	T4	-30...+60°C	supply - 24 Vdc, 8 A Outputs - 24 Vdc, 8 channels at 40°C to 60°C: 8 A to 4 A horizontally mounted at 30°C to 50°C: 8 A to 4 A vertically mounted	24Vdc
AI 2xU ST	6ES7 134-6FB00-0BA1	T4	-30...+60°C	supply - 24 Vdc, 37 mA 2 Input channels At 50°C vertically mounted At 60°C horizontally mounted	24Vdc
8AI, U BA	6ES7 134-6FF00-0AA1	T4	-30...+60°C	supply - 24 Vdc, 25 mA 8 Input channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
AI 2xI 2-/4-wire ST	6ES7 134-6GB00-0BA1	T4	-30...+60°C	supply - 24 Vdc, 245 mA 2 Input channels At 50°C vertically mounted At 60°C horizontally mounted	24Vdc
4AI, I 2-/4-wire ST	6ES7 134-6GD01-0BA1	T4	-30...+60°C	supply - 24 Vdc, 117 mA 4 Input channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
8AI, I 2-/4-wire BA	6ES7 134-6GF00-0AA1	T4	-30...+60°C	supply - 24 Vdc, 725 mA 8 Input channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
AI 2xU/I 2-4wire HF	6ES7 134-6HB00-0CA1	T4	-30...+60°C	supply - 24 Vdc, 240 mA 2 Input channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
AI 2xU/I 2-4wire HS	6ES7 134-6HB00-0DA1	T4	-30...+60°C	supply - 24 Vdc, 39 mA 2 Input channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
4AI, U / I 2-wire ST	6ES7 134-6HD00-0BA1	T4	-30...+60°C	supply - 24 Vdc, 117 mA 4 Input channels At 50°C vertically mounted At 60°C horizontally mounted	24Vdc
4AI, U / I 2-wire ST	6ES7 134-6HD01-0BA1	T4	-30...+60°C	supply - 24 Vdc, 117 mA 4 Input channels At 50°C vertically mounted At 60°C horizontally mounted	24Vdc
4AI, RTD/TC 2-/3-/4-wire HF	6ES7 134-6JD00-0CA1	T4	-30...+60°C	supply - 24 Vdc, 35 mA 4 Input channels At 50°C vertically mounted At 60°C horizontally mounted	24Vdc
8AI, RTD/TC 2-wire HF	6ES7 134-6JF00-0CA1	T4	0...+60°C	supply - 24 Vdc, 35 mA 8 Input channels At 50°C vertically mounted At 60°C horizontally mounted	24Vdc
AQ 2xU ST	6ES7 135-6FB00-0BA1	T4	-30...+60°C	supply - 24 Vdc, 80 mA 2 Output channels At 50°C vertically mounted At 60°C horizontally mounted	24Vdc

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AQ 2xI ST	6ES7 135-6GB00-0BA1	T4	-30...+60°C	supply - 24 Vdc, 110 mA 2 Output channels At 50°C vertically mounted At 60°C horizontally mounted	24Vdc
AQ 2xU/I HF	6ES7 135-6HB00-0CA1	T4	-30...+60°C	supply - 24 Vdc, 90 mA 2U/I-Output channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
AQ 2xU/I HS	6ES7 135-6HB00-0DA1	T4	-30...+60°C	supply - 24 Vdc, 90 mA 2U/I-Output channels At 0°C to 50°C: 2 I-channels horizontally mounted At 50°C to 60°C: 1 I-channel horizontally mounted At 0°C to 40°C: 2 I-channels vertically mounted At 40°C to 50°C: 1 I-channel vertically mounted At 0°C to 55°C: 2 U-channels horizontally mounted At 55°C to 60°C: 1 U-channel horizontally mounted At 0°C to 45°C: 2 U-channels vertically mounted At 45°C to 50°C: 1 U-channel vertically mounted	24Vdc
4AQ, 4 x U / I ST	6ES7 135-6HD00-0BA1	T4	-30...+60°C	supply - 24 Vdc, 150 mA 4 Output channels at 40°C to 60°C: 4 to 2 channel horizontally mounted at 30°C to 50°C: 4 to 2 channel vertically mounted	24Vdc
F-AI 4xI 2-/4- wire HF	6ES7 136-6AA00-0CA1	T4	0...+60°C	supply - 24 Vdc, 400 mA 4 Input channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
8 F-DI, 24Vdc HF	6ES7 136-6BA00-0CA0	T4	0...+60°C	supply - 24 Vdc, 900 mA Inputs - 24 Vdc, 8 channels at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
F-DQ, 4X24Vdc/2A PM HF	6ES7 136-6DB00-0CA0	T4	0...+60°C	supply - 24 Vdc, max. 6.1 A Outputs - 24 Vdc, 4 channels at 50°C: 4 A total load vertically mounted at 60°C: 4 A total load horizontally mounted at 50°C: 5 A total load horizontally mounted at 40°C: 6 A total load horizontally mounted	24Vdc
F-DQ, 8x24Vdc/0.5A PP HF	6ES7 136-6DC00-0CA0	T4	0...+60°C	supply - 24 Vdc, 3.1 A Outputs - 24 Vdc, 8 channels Total load 3 A at 50°C: 2 A total load vertically mounted at 60°C: 2 A total load horizontally mounted at 50°C: 2.5 A total load horizontally mounted at 40°C: 3 A total load horizontally mounted	24Vdc
F-PM-E, 24Vdc / 10A PPM	6ES7 136-6PA00-0BC0	T4	0...+60°C	supply - 24 Vdc, 8.7 A Inputs - 24 Vdc, 2 channels Outputs - 24 Vdc, 1 channel at 50°C: 4 A total load vertically mounted at 60°C: 4 A total load horizontally mounted at 50°C: 6 A total load horizontally mounted at 40°C: 8 A total load horizontally mounted	24Vdc
CM PtP	6ES7 137-6AA00-0BA0	T4	-30...+60°C	supply - 24 Vdc, 29 mA at 30°C to 60°C: 4 to 1 channel horizontally mounted at 20°C to 50°C: 4 to 1 channel vertically mounted	24Vdc

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IO-Link Master	6ES7 137-6BD00-0BA0	T4	0...+60°C	supply - 24 Vdc Input current - 1,25 A 4 channels (IO-Link or DI or DO) Output channels - 0.1 A per channel at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Technology Module TM Count 1x24V	6ES7 138-6AA00-0BA0	T4	-30...+60°C	supply - 24 Vdc, 1.4 A Inputs - 24 Vdc, 3 channels Outputs - 24 Vdc, 2 channel At 50°C: 1 A total load vertically mounted At 60°C: 0.5 A total load horizontally mounted At 55°C: 1 A total load horizontally mounted	24Vdc
Technology Module TM PosInput1	6ES7 138-6BA00-0BA0	T4	-30...+60°C	supply - 24 Vdc, 1.4 A Inputs - 24 Vdc, 2 channels Outputs - 24 Vdc, 2 channels at 50°C: 1 A total load vertically mounted at 60°C: 0.5 A total load horizontally mounted at 55°C: 1 A total load horizontally mounted	24Vdc
Technology Module TM Timer DI/DQ 10x24V	6ES7 138-6CG00-0BA0	T4	-30...+60°C	supply - 24 Vdc, 3.5 A Inputs - 24 Vdc, 4 channels Outputs - 24 Vdc, 6 channels Total load 3 A at 35°C to 50°C: 3.5 A to 1.2 A total load vertically mounted at 45°C to 60°C: 3.5 A to 1.2 A total load horizontally mounted	24Vdc
Technology Module TM 2x24V Pulse	6ES7 138-6DB00-0BB1	T4	-30...+60°C	supply - 24 Vdc, 4.3 A Inputs - 24 Vdc, 2 channels Outputs - 24 Vdc, 2 channels at 35°C to 50°C: 4.3 A to 2.7 A total load vertically mounted at 45°C to 60°C: 4.3 A to 2.7 A total load horizontally mounted	24Vdc
Interface Module IM 155-6 PN BA	6ES7 155-6AR00-0AN0	T4	0...+60°C	supply 24 Vdc, 300mA at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Interface Module IM 155-6 PN ST	6ES7 155-6AU00-0CN0	T4	0...+60°C	supply 24 Vdc, 340mA at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Interface module IM 155-6 PN HF	6ES7 155-6AU00-0DN0	T4	-25...+60°C	supply - 24 Vdc, 700 mA at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Interface Module IM 155-6 PN ST	6ES7 155-6AU01-0BN0	T4	-30...+60°C	supply 24 Vdc, 450mA at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Interface Module IM 155-6 PN HF	6ES7 155-6AU01-0CN0	T4	-30...+60°C	supply 24 Vdc, max. 700mA at -30°C to 50°C vertically mounted at -30°C to 60°C horizontally mounted	24Vdc
Interface module IM 155-6 DP HF	6ES7 155-6BU00-0CN0	T4	0...+60°C	supply - 24 Vdc, 250 mA at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Interface Module IM 155-6 DP HF	6ES7 155-6BU01-0CN0	T4	-25...+60°C	supply 24 Vdc, max. 335mA at -25°C to 50°C vertically mounted at -25°C to 60°C horizontally mounted	24Vdc
PN/PN Coupler with BA-support	6ES7 158-3AD10-0XA0	T4	0...+60°C	Power Supply 1 - 24 Vdc, max. 320 mA Power Supply 2 - 24 Vdc, max. 360 mA at 50°C vertically mounted at 60°C horizontally mounted	24Vdc



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BA 2x FC Busadapter	6ES7 193-6AF00-0AA0	T4	-30...+60°C	at 50°C vertically mounted at 60°C horizontally mounted	-
BA 2xLC Busadapter	6ES7 193-6AG00-0AA0	T4	0...+60°C	at 50°C vertically mounted at 60°C horizontally mounted	-
BA LC / RJ45 Busadapter	6ES7 193-6AG20-0AA0	T4	-30...+60°C	at 50°C vertically mounted at 60°C horizontally mounted	-
BA LC / FC Busadapter	6ES7 193-6AG40-0AA0	T4	-30...+60°C	at 50°C vertically mounted at 60°C horizontally mounted	-
BA 2x SRC Busadapter	6ES7 193-6AP00-0AA0	T4	-25...+60°C	at 50°C vertically mounted at 60°C horizontally mounted	-
BA SCRJ / RJ45 Busadapter	6ES7 193-6AP20-0AA0	T4	-25...+60°C	at 50°C vertically mounted at 60°C horizontally mounted	-
BA SCRJ / FC Busadapter	6ES7 193-6AP40-0AA0	T4	-25...+60°C	at 50°C vertically mounted at 60°C horizontally mounted	-
BA 2x RJ 45 Busadapter	6ES7 193-6AR00-0AA0	T4	-30...+60°C	at 50°C vertically mounted at 60°C horizontally mounted	-
BA Send (1xFC)	6ES7 193-6AS00-0AA0	T4	0...+60°C	at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
BU Send (Base Unit)	6ES7 193-6BN00-0NE0	T4	0...+60°C	at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Base Unit BU15-P16+A0+2B (sw)	6ES7 193-6BP00-0BA0	T4	-30...+60°C	supply 24 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Base Unit BU15-P16+A0+2B/T (sw)	6ES7 193-6BP00-0BA1	T4	-30...+60°C	supply 24 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Base Unit BU15-P16+A0+2D (w)	6ES7 193-6BP00-0DA0	T4	-30...+60°C	supply 24 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Base Unit BU15-P16+A0+2D/T (w)	6ES7 193-6BP00-0DA1	T4	-30...+60°C	supply 24 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Base Unit BU15-P16+A10+2B (sw)	6ES7 193-6BP20-0BA0	T4	-30...+60°C	supply 24 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Base Unit BU20-P6+A2+4B (sw)	6ES7 193-6BP20-0BB0	T4	-30...+60°C	supply 24 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Base Unit BU20-P6+A2+4D (w)	6ES7 193-6BP20-0BB1	T4	-30...+60°C	supply 24 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Base Unit BU15-P16+A0+2D (w)	6ES7 193-6BP20-0BC1	T4	-30...+60°C	supply 24 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Base Unit BU20-P12+A4+0B (sw)	6ES7 193-6BP20-0BF0	T4	-30...+60°C	supply 24 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Base Unit BU20-P12+A0+4B	6ES7 193-6BP20-0DA0	T4	-30...+60°C	supply 24 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Base Unit BU20-P8+A4+0B	6ES7 193-6BP20-0DC0	T4	-30...+60°C	supply 24 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Base Unit BU15-P16+A0+12B/T (sw)	6ES7 193-6BP40-0BA1	T4	-30...+60°C	supply 24 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc

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Base Unit BU15-P16+A0+2D/T (w)	6ES7 193-6BP40-0DA1	T4	-30...+60°C	supply 24 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
Servermodule	6ES7 193-6PA00-0AA0	T4	-30...+60°C	at 50°C vertically mounted at 60°C horizontally mounted	-
PotDis-TB-P1-R	6ES7 193-6TP00-0TP1	T4	0...+60°C	supply – 48 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	48Vdc
PotDis-TB-P2-B	6ES7 193-6TP00-0TP2	T4	0...+60°C	supply – 48 Vdc, 10 A at 50°C vertically mounted at 60°C horizontally mounted	48Vdc
PotDis-BU-P1B-R, dark-colored	6ES7 193-6UP00-0BP1	T4	0...+60°C	supply - 48 Vdc, max. 10 A at 50°C vertically mounted at 60°C horizontally mounted	48Vdc
PotDis-BU-P2B-B, dark-colored	6ES7 193-6UP00-0BP2	T4	0...+60°C	supply - 48 Vdc, max. 10 A at 50°C vertically mounted at 60°C horizontally mounted	48Vdc
PotDis-BU-P1D-R, light-colored	6ES7 193-6UP00-0DP1	T4	0...+60°C	supply - 48 Vdc, max. 10 A at 50°C vertically mounted at 60°C horizontally mounted	48Vdc
PotDis-BU-P2D-B, light-colored	6ES7 193-6UP00-0DP2	T4	0...+60°C	supply - 48 Vdc, max. 10 A at 50°C vertically mounted at 60°C horizontally mounted	48Vdc
CPU 1510SP-1 PN	6ES7 510-1DJ01-0AB0	T4	-25...+60°C	supply 24 Vdc, max. 0.9 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
CPU 1510SP F-1 PN	6ES7 510-1SJ01-0AB0	T4	-25...+60°C	supply 24 Vdc, max. 0.9 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
CPU 1512SP-1 PN	6ES7 512-1DK01-0AB0	T4	-25...+60°C	supply 24 Vdc, max. 0.9 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
CPU 1512SP F-1 PN	6ES7 512-1SK01-0AB0	T4	-25...+60°C	supply 24 Vdc, max. 0.9 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
CM – PROFIBUS-DP	6ES7 545-5DA00-0AB0	T4	-25...+60°C	at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
CPU 1515 SP PC 4GB (Embedded controller)	6ES7 677-2AA40-0AB0	T4	-20...+60°C	supply - 24 Vdc, 1.5 A At 0°C to 55°C: max. 64 modules, 2x 0,5A and 0,1A USB-load, horizontally mounted At 0°C to 60°C: max. 32 modules, 0,3A USB- load, horizontally mounted At 0°C to 50°C: max. 32 modules, 0,3A USB- load, vertically mounted	24Vdc
2Slot Base Unit	6ES7 193-6BP60—0AB0	T4	-30...+60°C	supply 24 Vdc 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc
2Slot Base Unit	6ES7 193-6BP60—0DA0	T4	-30...+60°C	supply 24 Vdc 10 A at 50°C vertically mounted at 60°C horizontally mounted	24Vdc