

CERTIFICATE

(1) Type Examination

(2) **Product intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) Type Examination Certificate Number: **DEKRA 12ATEX0038 X** Issue Number: **28**

(4) Product: **Programmable Logic Controller Systems SIMATIC ET 200SP, Modules Type 6ES7 ...**

(5) Manufacturer: **Siemens AG**

(6) Address: **Werner-von-Siemens-Strasse 50, 92224 Amberg, Germany**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.

The examination and test results are recorded in confidential test report no. 215296100, issue 28.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0 : 2012 + A11 : 2013

EN 60079-15 : 2010

except in respect of those requirements listed at item 18 of the Schedule.

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This Type Examination Certificate relates only to the design and construction of the specified product and not to the manufacturing process and its monitoring.

(12) The marking of the product shall include the following:



II 3 G

Ex nA IIC T4 Gc

Date of certification: **18 July 2019**

DEKRA Certification B.V.

R. Schuller
Certification Manager

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(15) **Description**

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**.

Electrical data

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

Installation instructions

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

(16) **Report Number**

No. 215296100, issue 28.

(17) **Specific conditions of use**

1. The modules shall be installed in a suitable enclosure providing a degree of protection of at least IP54 according to EN 60079-15, taking into account the environmental conditions under which the equipment will be used.
2. Provisions shall be made to prevent the rated voltage from being exceeded by transient disturbances of more than 119 V.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. 215296100, issue 28.

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(20) **Certificate history**

Issue 1 - 215296100	Initial certificate
Issue 2 ... 16 -	Revised construction and Addition of modules
Issue 17 - 219651200	Addition of modules
Issue 18 - 221419900	Addition of modules
Issue 19 - 221590800	Addition of modules
Issue 20 - 221865100	Addition of modules
Issue 21 - 221931400	Addition of modules
Issue 22 - 222044300	Addition of modules
Issue 23 - 222680900	Addition of modules
Issue 24 - 222931700	Addition of modules
Issue 25 - 223072000	Addition of modules
Issue 26 - 223269000	Addition of modules
Issue 27 - 223548100	Addition of modules
Issue 28 - 223829500	Addition of modules

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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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted 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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted 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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -25°C to 50°C vertically mounted -25°C to 60°C horizontally mounted	24Vdc
DQ 16x24VDC/0,5A BA	6ES7 132-6BH00-0AA0	T4	0...+60°C	supply - 24 Vdc, 8 A Outputs - 24 Vdc, 16 channels 0°C to 50°C vertically mounted 0°C to 60°C horizontally mounted	24Vdc

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16DQ, 24Vdc/0,5A ST	6ES7 132-6BH01-0BA0	T4	-30...+60°C	supply - 24 Vdc, 8 A Outputs - 24 Vdc, 8 channels -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted 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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
8AI, U BA	6ES7 134-6FF00-0AA1	T4	-30...+60°C	supply - 24 Vdc, 25 mA 8 Input channels -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
AI 4xTC HS	6ES7 134-6JD00-0DA1	T4	-30...+60°C	supply - 24 Vdc, 50 mA 4 Input channels -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
8AI, RTD/TC 2-wire HF	6ES7 134-6JF00-0CA1	T4	-30...+60°C	supply - 24 Vdc, 35 mA 8 Input channels -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
AQ 2xU ST	6ES7 135-6FB00-0BA1	T4	-30...+60°C	supply - 24 Vdc, 80 mA 2 Output channels -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
AQ 2xI ST	6ES7 135-6GB00-0BA1	T4	-30...+60°C	supply - 24 Vdc, 110 mA 2 Output channels -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc

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AQ 2xU/I HS	6ES7 135-6HB00-0DA1	T4	-30...+60°C	supply - 24 Vdc, 90 mA 2U/I-Output channels -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted at -30°C to 50°C: 2 I-channels horizontally mounted at 50°C to 60°C: 1 I-channel horizontally mounted at -30°C to 40°C: 2 I-channels vertically mounted at 40°C to 50°C: 1 I-channel vertically mounted at -30°C to 55°C: 2 U-channels horizontally mounted at 55°C to 60°C: 1 U-channel horizontally mounted at -30°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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted 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 0°C to 50°C vertically mounted 0°C to 60°C horizontally mounted	24Vdc
F-DI 8x24VDC HF	6ES7 136-6BA00-0CA0	T4	0...+60°C	supply - 24 Vdc, max. 900 mA inputs - 24 Vdc, 8 channels 0°C to 50°C vertically mounted 0°C to 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 0°C to 50°C vertically mounted 0°C to 60°C horizontally mounted 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 0°C to 50°C vertically mounted 0°C to 60°C horizontally mounted 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 0°C to 50°C vertically mounted 0°C to 60°C horizontally mounted 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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
IO-Link Master	6ES7 137-6BD00-0BA0	T4	-30...+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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc

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Description	Type/MLFB No.	Temp. code	Ambient Range	Technical Data	Supply Volt.
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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted 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
TM Count 1x24V Standard	6ES7 138-6AA01-0BA0	T4	-30...+60°C	supply - 24 Vdc, 1.4 A Inputs - 24 Vdc, 3 channels Outputs - 24 Vdc, 2 channels -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted 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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted 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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted 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 channel -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted At 35°C to 50°C: 4.3A to 2.7A total load vertically mounted At 40°C to 60°C: 4.3A to 2.7A total load horizontally mounted	24Vdc
Interface Module IM 155-6 PN BA	6ES7 155-6AR00-0AN0	T4	-30...+60°C	supply 24 Vdc, 300mA -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
Interface Module IM 155-6 PN ST	6ES7 155-6AU00-0CN0	T4	0...+60°C	supply 24 Vdc, 340mA 0°C to 50°C vertically mounted 0°C to 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 -25°C to 50°C vertically mounted -25°C to 60°C horizontally mounted	24Vdc
Interface Module IM 155-6 PN ST	6ES7 155-6AU01-0BN0	T4	-30...+60°C	supply 24 Vdc, 450mA -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
Interface Module IM 155-6 PN/3 HF	6ES7 155-6AU30-0CN0	T4	-30...+60°C	supply 24 Vdc, max. 950mA -30°C to 50°C vertically mounted -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 0°C to 50°C vertically mounted 0°C to 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 -25°C to 50°C vertically mounted -25°C to 60°C horizontally mounted	24Vdc
PN/PN Coupler with BA-support	6ES7 158-3AD10-0XA0	T4	-30...+60°C	Power Supply 1 - 24 Vdc, max. 320 mA Power Supply 2 - 24 Vdc, max. 360 mA -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
BA 2x FC Busadapter	6ES7 193-6AF00-0AA0	T4	-30...+60°C	-30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	-

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BA 2xLC Busadapter	6ES7 193-6AG00-0AA0	T4	-30...+60°C	-30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	-
BA LC / RJ45 Busadapter	6ES7 193-6AG20-0AA0	T4	-30...+60°C	-30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	-
BA LC / FC Busadapter	6ES7 193-6AG40-0AA0	T4	-30...+60°C	-30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	-
BA 2x SRC Busadapter	6ES7 193-6AP00-0AA0	T4	-25...+60°C	-25°C to 50°C vertically mounted -25°C to 60°C horizontally mounted	-
BA SCRJ / RJ45 Busadapter	6ES7 193-6AP20-0AA0	T4	-25...+60°C	-25°C to 50°C vertically mounted -25°C to 60°C horizontally mounted	-
BA SCRJ / FC Busadapter	6ES7 193-6AP40-0AA0	T4	-25...+60°C	-25°C to 50°C vertically mounted -25°C to 60°C horizontally mounted	-
BA 2x RJ 45 Busadapter	6ES7 193-6AR00-0AA0	T4	-30...+60°C	-30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	-
BA Send (1xFC)	6ES7 193-6AS00-0AA0	T4	-30...+60°C	-30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
BU Send (Base Unit)	6ES7 193-6BN00-0NE0	T4	-30...+60°C	-30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
Base Unit BU20-P12+A0+4B	6ES7 193-6BP20-0DA0	T4	-30...+60°C	supply 24 Vdc, 10 A -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
Base Unit BU20-P8+A4+0B	6ES7 193-6BP20-0DC0	T4	-30...+60°C	supply 24 Vdc, 10 A -30°C to 50°C vertically mounted -30°C to 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 -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
Base Unit BU15-P16+A0+2D/T (w)	6ES7 193-6BP40-0DA1	T4	-30...+60°C	supply 24 Vdc, 10 A -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
2Slot Base Unit	6ES7 193-6BP60—0AB0	T4	-30...+60°C	supply 24 Vdc 10 A -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
2Slot Base Unit	6ES7 193-6BP60—0DA0	T4	-30...+60°C	supply 24 Vdc 10 A -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	24Vdc
Servermodule	6ES7 193-6PA00-0AA0	T4	-30...+60°C	supply 24 Vdc, max. 10 A -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	-
PotDis-TB-P1-R	6ES7 193-6TP00-0TP1	T4	-30...+60°C	Supply - 48 Vdc, 10 A -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	48Vdc
PotDis-TB-P2-B	6ES7 193-6TP00-0TP2	T4	-30...+60°C	supply - 48 Vdc, 10 A -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	48Vdc

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Description	Type/MLFB No.	Temp. code	Ambient Range	Technical Data	Supply Volt.
PotDis-BU-P1B-R, dark-colored	6ES7 193-6UP00-0BP1	T4	-30...+60°C	supply - 48 Vdc, max. 10 A -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	48Vdc
PotDis-BU-P2B-B, dark-colored	6ES7 193-6UP00-0BP2	T4	-30...+60°C	supply - 48 Vdc, max. 10 A -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	48Vdc
PotDis-BU-P1D-R, light-colored	6ES7 193-6UP00-0DP1	T4	-30...+60°C	supply - 48 Vdc, max. 10 A -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	48Vdc
PotDis-BU-P2D-B, light-colored	6ES7 193-6UP00-0DP2	T4	-30...+60°C	supply - 48 Vdc, max. 10 A -30°C to 50°C vertically mounted -30°C to 60°C horizontally mounted	48Vdc
CPU 1510SP-1 PN	6ES7 510-1DJ01-0AB0	T4	-25...+60°C	supply 24 Vdc, max. 0.9 A -25°C to 50°C vertically mounted -25°C to 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 -25°C to 50°C vertically mounted -25°C to 60°C horizontally mounted	24Vdc
CPU 1512SP-1 PN	6ES7 512-1DK01-0AB0	T4	-25...+60°C	supply 24 Vdc, max. 0.9 A -25°C to 50°C vertically mounted -25°C to 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 -25°C to 50°C vertically mounted -25°C to 60°C horizontally mounted	24Vdc
CM – PROFIBUS-DP	6ES7 545-5DA00-0AB0	T4	-25...+60°C	-25°C to 50°C vertically mounted -25°C to 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 -20°C to 50°C vertically mounted -20°C to 60°C horizontally mounted At -20°C to 55°C: max. 64 modules, 2x 0,5A and 0,1A USB-load, hor. mount. At -20°C to 60°C: max. 32 modules, 0,3A USB-load, hor. mount. At -20°C to 50°C: max. 32 modules, 0,3A USB-load, vert. mount.	24Vdc
CPU 1515-2SP PC (Embedded controller)	6ES7 677-2DB40-0AA0	T4	-20...+60°C	supply - 24 Vdc, 2.9 A -20°C to 50°C vertically mounted -20°C to 60°C horizontally mounted	24Vdc