CERTIFICATE

(1) Type Examination

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

(3) Type Examination Certificate Number: **KEMA 07ATEX0145 X** Issue Number: **75**

(4) Product: **SIMATIC Network Components Type RAP.-W … , Type LAP.-W … , Type EAP.-W ..., Type 6GK. … , Type W786 … and Type WS-AP ...**

(5) Manufacturer: **Siemens AG**

(6) Address: **Östliche Rheinbrückenstraße 50, 76187 Karlsruhe, 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. 219472500.

(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**

(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 T6** or **T5 Gc**

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Date of certification: 6 July 2016

DEKRA Certification B.V.

R. Schuller
Certification Manager

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(13) # SCHEDULE

(14) **to Type Examination Certificate KEMA 07ATEX0145 X** Issue No. **75**

(15) **Description**

SIMATIC Network Components Type RAP.-W ..., Type LAP.-W …, Type EAP.-W ..., Type 6GK. …, Type W786 … and Type WS-AP ...for use in SIMATIC Programmable Controller Systems.

The enclosure of SIMATIC Network Components Type W786 … provides a degree of protection of at least IP54 in accordance with EN 60529.

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 instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. 219472500.

(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. 219472500.

(20) **Certificate history**

Issue 0 -	210719200	Initial certificate
Issue 2 …73 -		Revised construction and addition of modules
Issue 74 -	219423400	Addition of modules
Issue 75 -	219472500	Addition of a module

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Table 1

Description	Type/MLFB No.	Temp. code	Ambient Range	Technical Data	Supply Volt.
SIMATIC NET Power Supplies					
PS791-2DC	6GK5791-2DC00-a	T4	-40... +70°C	12V / max.1400mA ... 24V / max.700mA	12V ... 24V
PS791-2AC	6GK5791-2AC00-a	T4	-40... +60°C	100V / max.2640mA ... 240V / max.170mA	100V ... 240V
SCALANCE Modules					
Scalance W7xx-2	RAP-W2-RJ-E2	T4	-20... +60°C	24V / max.300mA 48V / max.150mA	24V 48V
Scalance W7xx-1	RAP-W1-RJ-E1	T4	-20... +60°C	24V / max.300mA 48V / max.150mA	24V 48V
Scalance W7xx-1	LAP-W1-RJ-E1	T4	-20... +60°C	24V / max.250mA 48V / max.130mA	24V 48V
Scalance W7x8-1	RAPN-W1-RJ-E3	T4	-20... +60°C	24V / max. 650 mA 48V / max. 320 mA	24 V
Scalance W7x8-1	RAPN-W1-RJ-E3	T4	-20... +60°C	24V / max. 650 mA 48V / max. 320 mA	24 V
Scalance W7x8-2	RAPN-W2-RJ-E3	T4	-20... +60°C	24V / max. 650 mA 48V / max. 320 mA	24 V
Scalance W7x8-1	RAPN-W1-M12-E3	T4	-20... +60°C	24V / max. 650 mA 48V / max. 320 mA	24 V
Scalance W7x8-2	RAPN-W2-M12-E3	T4	-20... +60°C	24V / max. 650 mA 48V / max. 320 mA	24 V
Scalance W788-2Pro	6GK5788-2ST00-2AA6	T4	-20... +60°C	24V / max.300 mA	24 V
Scalance W788-2Pro US	6GK5788-2ST00-2AB6	T4	-20... +60°C	24V / max.300 mA	24 V
Scalance W788-1Pro	6GK5788-1ST00-2AA6	T4	-20... +60°C	24V / max.300 mA	24 V
Scalance W788-1Pro US	6GK5788-1ST00-2AB6	T4	-20... +60°C	24V / max.300 mA	24 V
Scalance W744-1Pro	6GK5744-1ST00-2AA6	T4	-20... +60°C	24V / max.300 mA	24 V
Scalance W744-1Pro US	6GK5744-1ST00-2AB6	T4	-20... +60°C	24V / max.300 mA	24 V
Scalance W746-1Pro	6GK5746-1ST00-2AA6	T4	-20... +60°C	24V / max.300 mA	24 V
Scalance W746-1Pro US	6GK5746-1ST00-2AB6	T4	-20... +60°C	24V / max.300 mA	24 V
Scalance W747-1RR	6GK5747-1SR00-2AA6	T4	-20... +60°C	24V / max.300 mA	24 V
Scalance W7xx-1 RJ	ELN-W1-RJ-E1	T4	0... +60°C	24V / max. 150 mA	24 V
Scalance W7x4-1	MSN-W1-RJ-E2	T4	-30... +70°C	24V / max. 250 mA 48V / max. 125 mA	24 V
Scalance W774-1	MSN-W1-M12-E2	T4	-30... +70°C	24V / max. 250 mA 48V / max. 125 mA	24 V
Scalance W747-1RR US	6GK5747-1SR00-2AB6	T4	-20... +60°C	24V / max.300 mA	24 V
Scalance W786-1	EAPN-W1-RJ-E3	T4	-40... +60°C	24V / max. 650 mA 48V / max. 320 mA 12-24V / max. 1400 mA 100-240V / max. 264 mA	24V 48V 24V 240V
Scalance W786-2	EAPN-W2-RJ-E3	T4	-40... +60°C	24V / max. 650 mA 48V / max. 320 mA 12-24V / max. 1400 mA 100-240V / max. 264 mA	24V 48V 24V 240V
Scalance W786-2	EAPN-W2-RJ-I3	T4	-40... +60°C	24V / max. 650 mA 48V / max. 320 mA 12-24V / max. 1400 mA 100-240V / max. 264 mA	24V 48V 24V 240V
Scalance W786-2	EAPN-W2-SFP-E3	T4	-40... +60°C	24V / max. 650 mA 12-24V / max. 1400 mA 100-240V / max. 264 mA	24V 24V 240V
Scalance W786-2 ETS	WS-AP3765e	T4	-40... +60°C	24V / max. 650 mA 48V / max. 320 mA 12-24V / max. 1400 mA 100-240V / max. 264 mA	24V 48V 24V 240V
Scalance W786-2 ETS	WS-AP3767e	T4	-40... +60°C	24V / max. 650 mA 48V / max. 320 mA 12-24V / max. 1400 mA 100-240V / max. 264 mA	24V 48V 24V 240V

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Scalance W786-2 ETS	WS-AP3765i	T4	-40... +60°C	24V / max. 650 mA 12-24V / max. 1400 mA 100-240V / max. 264 mA	24V 24V 240V
EAP-W1-RJ-E1	Scalance W786-1Pro	T4	-40... +60°C	48V / max.270 mA	48 V
EAP-W1-MM-E1	Scalance W786-1Pro	T4	-40... +60°C	48V / max.270 mA	48 V
EAP-W1-RJ-I1	Scalance W786-1Pro	T4	-40... +60°C	48V / max.270 mA	48 V
EAP-W1-MM-I1	Scalance W786-1Pro	T4	-40... +60°C	48V / max.270 mA	48 V
EAP-W2-RJ-E2	Scalance W786-2Pro	T4	-40... +60°C	48V / max.270 mA	48 V
EAP-W2-MM-E2	Scalance W786-2Pro	T4	-40... +60°C	48V / max.270 mA	48 V
EAP-W2-RJ-I2	Scalance W786-2Pro	T4	-40... +60°C	48V / max.270 mA	48 V
EAP-W2-MM-I2	Scalance W786-3Pro	T4	-40... +60°C	48V / max.270 mA	48 V
EAP-W3-RJ-E3	Scalance W786-3Pro	T4	-40... +60°C	48V / max.270 mA	48 V
EAP-W3-MM-E3	Scalance W786-3Pro	T4	-40... +60°C	48V / max.270 mA	48 V
Scalance W788-1RR	6GK5788-1SR00-2AA6	T4	-20... +60°C	24V / max.300 mA	24 V
Scalance W788-1RR US	6GK5788-1SR00-2AB6	T4	-20... +60°C	24V / max.300 mA	24 V
Scalance W788-2RR	6GK5788-2SR00-2AA6	T4	-20... +60°C	24V / max.300 mA	24 V
Scalance W788-2RR US	6GK5788-2SR00-2AB6	T4	-20... +60°C	24V / max.300 mA	24 V
Scalance X005	6GK5005-0BA10-1AA3	T4	-40... +75°C	24V / max.60 mA	24 V
Scalance X005EEC	6GK5005-0BA10-1CA3	T4	-40... +75°C	24V / max.60 mA	24 V
Scalance XB004-1	6GK5004-1BD00-a	T4	-10... +60°C	24V / max.150 mA	24 V
Scalance XB004-1LD	6GK5004-1BF00-a	T4	-10... +60°C	24V / max.150 mA	24 V
Scalance XB005	6GK5005-0BA00-a	T4	-10... +60°C	24V / max.100 mA	24 V
Scalance XB008	6GK5008-0BA00-a	T4	-10... +60°C	24V / max.150 mA	24 V
Scalance XB004-1G	6GK5004-1GL00-a	T4	-10... +60°C	24V / max.520 mA	24 V
Scalance XB004-1LDG	6GK5004-1GM00-a	T4	-10... +60°C	24V / max.520 mA	24 V
Scalance XB005G	6GK5005-0GA00-a	T4	-10... +60°C	24V / max.440 mA	24 V
Scalance XB008G	6GK5008-0GA00-a	T4	-10... +60°C	24V / max.520 mA	24 V
Scalance X101-1	6GK5101-1BB00-a	T4	-10... +60°C	24V / max.170 mA	24 V
Scalance X101-1LD	6GK5101-1BC00-a	T4	-10... +60°C	24V / max.200 mA	24 V
Scalance X101-1POF	6GK5101-1BH00-a	T4	-10... +60°C	24V / max.200 mA	24 V
Scalance X101-1FL	6GK5101-1BY00-a	T4	-10... +60°C	24V / max.200 mA	24 V
Scalance X101-1AUI	6GK5101-1BX00-a	T4	-10... +60°C	24V / max.200 mA	24 V
Scalance X124	6GK5124-0BA00-a	T4	-20... +70°C	24V / max.380 mA	24 V
Scalance X116	6GK5116-0BA00-a	T4	-20... +70°C	24V / max.330 mA	24 V
Scalance X112-2	6GK5112-2BB00-a	T4	-10... +70°C	24V / max.350 mA	24 V
Scalance X108	6GK5108-0BA00-2AA3	T4	-20... +70°C	24V / max.300 mA	24 V
Scalance X108 PoE	6GK5108-0PA00-2AA3	T4	-20... +60°C	24V / max.2200 mA	24 V
Scalance XC100-4OBR MM SC	6GK5100-4AW00-2FA2	T4	-40... +70°C	12-48V / max.100 mA	48 V
Scalance XC100-4OBR SM SC	6GK5100-4AV00-2FA2	T4	-40... +70°C	12-48V / max.100 mA	48 V
Scalance XC100-4OBR SM SC (2x2)	6GK5100-4AV00-2DA2	T4	-40... +70°C	12-48V / max.100 mA	48 V
Scalance XC106-2	6GK5106-2BB00-2AC2	T4	-40... +70°C	12-24V / max.400 mA	24 V
Scalance XC106-2	6GK5106-2BD00-2AC2	T4	-40... +70°C	12-24V / max.400 mA	24 V
Scalance XC108	6GK5108-0BA00-2AC2	T4	-40... +70°C	12-24V / max.250 mA	24 V
Scalance XC116	6GK5116-0BA00-2AC2	T4	-40... +70°C	12-24V / max.450 mA	24 V
Scalance XC124	6GK5124-0BA00-2AC2	T4	-40... +70°C	12-24V / max.650 mA	24 V
Scalance X208	6GK5208-0BA00-2AA3	T4	-20... +70°C	24V / max.300 mA	24 V
Scalance X206-1	6GK5206-1BB00-2AA3	T4	0... +60°C	24V / max.300 mA	24 V
Scalance X204-2	6GK5204-2BB00-2AA3	T4	0... +60°C	24V / max.300 mA	24 V
Scalance X202-2 IRT	6GK5202-2BB00-2BA3	T4	-40... +60°C	24V / max.300 mA	24 V
Scalance X204 IRT	6GK5204-0BA00-2BA3	T4	-40... +70°C	24V / max.200 mA	24 V
Scalance XF204IRT	6GK5204-0BA00-2BF2	T4	-40... +60°C	24V / max.200 mA	24 V
Scalance X202-2P IRT PRO	6GK5202-2JR00-2BA6	T4	-25... +60°C	24V / max.16 A	24 V
Scalance X204 IRT PRO	6GK5204-0JA00-2BA6	T4	-25... +70°C	24V / max.16 A	24 V
Scalance X204RNA	6GK5204-0BA00-2KB2	T4	-40... +60°C	24V / max.200 mA	24 V
Scalance X204RNA-HRS	6GK5204-0BA00-2MB2	T4	-40... +60°C	24V / max.200 mA	24 V
Scalance S612	6GK5612-0BA00-2AA3	T4	0... +60°C	24V / max.300 mA	24 V

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Scalance S613	6GK5613-0BA00-2AA3	T4	-20... +70°C	24V / max.300 mA	24 V
Scalance S602	6GK5602-0BA00-2AA3	T4	0... +60°C	24V / max.300 mA	24 V
Scalance S612	6GK5602-0BA10-2AA3	T4	-40... +60°C	24V / max.500 mA	24 V
Scalance S615	6GK5615-0AA00-2AA2	T4	-40... +70°C	12-24V / max.350 mA	24 V
Scalance S627-2M	6GK5627-2BA10-2AA3	T4	-40... +60°C	24V / max.700 mA	24 V
Scalance S602	6GK5612-0BA10-2AA3	T4	-40... +60°C	24V / max.500 mA	24 V
Scalance S623	6GK5623-0BA10-2AA3	T4	-40... +60°C	24V / max.500 mA	24 V
Scalance XM416-4C	6GK5416-4GS00-2AM2	T4	-40... +70°C	24V / max. 2 A	24 V
Scalance XM408-8C	6GK5408-8GS00-2AM2	T4	-40... +70°C	24V / max. 2 A	24 V
Scalance XM416-4C	6GK5416-4GR00-2AM2	T4	-40... +70°C	24V / max. 2 A	24 V
Scalance XM408-8C	6GK5408-8GR00-2AM2	T4	-40... +70°C	24V / max. 2 A	24 V
SCALANCE XM408-4C	6GK5408-4GP00-2AM2	T4	-40 .. +70°C	24V / max. 2 A	24 V
SCALANCE XM408-4C	6GK5408-4GQ00-2AM2	T4	-40 .. +70°C	24V / max. 2 A	24 V
STP991-1	6GK5991-1AB00-8AA0	T4	-40 .. +70°C	---	---
STP991-1LD	6GK5991-1AC00-8AA0	T4	-40 .. +70°C	---	---
SCP992-1	6GK5992-1AJ00-8AA0	T4	-40 .. +70°C	---	---
SCP992-1LD	6GK5992-1AK00-8AA0	T4	-40 .. +70°C	---	---
Scalance PE400-8SFP	6GK5400-8AS00-8AP2	T4	-40... +70°C	24V / max. 0.1 A	24 V
Scalance PE408	6GK5408-0GA00-8AP2	T4	-40... +70°C	24V / max. 0.1 A	24 V
Scalance PE408PoE	6GK5408-0PA00-8AP2	T4	-40... +70°C	24V / max. 0.1 A	24 V
Scalance MM491-2LH+	6GK5491-2AE00-8AA2	T4	-40... +70°C	24V / max. 0.2 A	24 V
Scalance X414-3	6GK5414-3FC00-2AA2	T4	-40 ...+70°C	24V / max. 2 A	24 V
Scalance X414-3	6GK5414-3FC10-2AA2	T4	-40 ...+70°C	24V / max. 2 A	24 V
Scalance EM495-8	6GK5495-8BA00-8AA2	T4	-40 ...+70°C	24V / max. 0.1 A	24 V
Scalance EM496-4	6GK5496-4MA00-8AA2	T4	-40 ...+70°C	24V / max. 0.1 A	24 V
Scalance MM491-2	6GK5491-2AB00-8AA2	T4	-40 ...+70°C	24V / max. 0.1 A	24 V
Scalance MM491-2LD	6GK5491-2AC00-8AA2	T4	-40 ...+70°C	24V / max. 0.1 A	24 V
Scalance MM492-2	6GK5492-2AL00-8AA2	T4	-40 ...+70°C	24V / max. 0.2 A	24 V
Scalance MM492-2LD	6GK5492-2AM00-8AA2	T4	-40 ...+70°C	24V / max. 0.2 A	24 V
Scalance MM492-2LH	6GK5492-2AN00-8AA2	T4	-40 ...+70°C	24V / max. 0.2 A	24 V
Scalance MM492-2LH+	6GK5492-2AP00-8AA2	T4	-40 ...+70°C	24V / max. 0.2 A	24 V
Scalance MM492-2ELH	6GK5492-2AQ00-8AA2	T4	-40 ...+70°C	24V / max. 0.2 A	24 V
Scalance X408-2	6GK5408-2FDaa-2aa2	T4	0 ... +60°C	24 V / max. 0.7 A	24 V
Scalance X106-1	6GK5106-1BB00-2AA3	T4	0... +60°C	24V / max.300 mA	24 V
Scalance X104-2	6GK5104-2BB00-2AA3	T4	0... +60°C	24V / max.300 mA	24 V
Scalance X208Pro-M12	6GK5208-0HA00-2AA6	T4	-20... +70°C	24V / max.300 mA	24 V
Scalance X208PRO	6GK5208-0HA10-2AA6	T4	-40... +70°C	24V / max.190 mA	24 V
Scalance X204-2 LD	6GK5204-2BC00-2AA3	T4	0... +60°C	24V / max.220 mA	24 V
Scalance X206-1 LD	6GK5206-1BC00-2AA3	T4	0... +60°C	24V / max.200 mA	24 V
Scalance X208	6GK5208-0BA10-2AA3	T4	-40... +60°C	24V / max.160 mA	24 V
Scalance X206-1	6GK5206-1BB10-2AA3	T4	-40... +60°C	24V / max.220 mA	24 V
Scalance X206-1LD	6GK5206-1BC10-2AA3	T4	-40... +60°C	24V / max.220 mA	24 V
Scalance X204-2	6GK5204-2BB10-2AA3	T4	-40... +60°C	24V / max.265 mA	24 V
Scalance X204-2LD	6GK5204-2BC10-2AA3	T4	-40... +60°C	24V / max.265 mA	24 V
Scalance X200-4 P	6GK5200-4AH00-2BA3	T4	-25... +60°C	24V / max.460 mA	24 V
Scalance X201-3 P	6GK5201-3BH00-2BA3	T4	-25... +60°C	24V / max.460 mA	24 V
Scalance X201-3P IRT PRO	6GK5201-3JR00-2BA6	T4	-25... +60°C	24V / max.16 A	24 V
Scalance X202-2 P	6GK5202-2BH00-2BA3	T4	-25... +60°C	24V / max.460 mA	24 V
Scalance X212-2	6GK5212-2BB00-2AA3	T4	-40... +60°C	24V / max.330 mA	24 V
Scalance X212-2LD	6GK5212-2BC00-2AA3	T4	-40... +60°C	24V / max.330 mA	24 V
Scalance X216	6GK5216-0BA00-2AA3	T4	-40... +60°C	24V / max.240 mA	24 V
Scalance X224	6GK5224-0BA00-2AA3	T4	-40... +60°C	24V / max.350 mA	24 V
Scalance XF204	6GK5204-0BA00-2AF2	T4	-40... +60°C	24V / max.110 mA	24 V
Scalance X204-2TS	6GK5204-2BB10-2CA2	T4	-40... +70°C	12-24V / max.600 mA	24 V
Scalance X204-2LD TS	6GK5204-2BC10-2CA2	T4	-40... +70°C	12-24V / max.600 mA	24 V

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Scalance XF204-2	6GK5204-2BC00-2AF2	T4	-40... +60°C	24V / max.220 mA	24 V
Scalance XF206-1	6GK5206-1BC00-2AF2	T4	-40... +60°C	24V / max.170 mA	24 V
Scalance XF208	6GK5208-0BA00-2AF2	T4	-40... +60°C	24V / max.130 mA	24 V
Scalance XB208	6GK5208-0BA00-2AB2	T4	0... +60°C	24V / max.170 mA	24 V
Scalance XB208	6GK5208-0BA00-2TB2	T4	0... +60°C	24V / max.170 mA	24 V
Scalance XB205-3 ST	6GK5205-3BB00-2AB2	T4	0... +60°C	24V / max.300 mA	24 V
Scalance XB205-3 ST	6GK5205-3BB00-2TB2	T4	0... +60°C	24V / max.300 mA	24 V
Scalance XB205-3 SC	6GK5205-3BD00-2AB2	T4	0... +60°C	24V / max.300 mA	24 V
Scalance XB205-3 SC	6GK5205-3BD00-2TB2	T4	0... +60°C	24V / max.300 mA	24 V
Scalance XB205-3 SC LD	6GK5205-3BF00-2AB2	T4	0... +60°C	24V / max.290 mA	24 V
Scalance XB205-3 SC LD	6GK5205-3BF00-2TB2	T4	0... +60°C	24V / max.290 mA	24 V
Scalance XB216	6GK5216-0BA00-2AB2	T4	0... +60°C	24V / max.280 mA	24 V
Scalance XB216	6GK5216-0BA00-2TB2	T4	0... +60°C	24V / max.280 mA	24 V
Scalance XB213-3 ST	6GK5213-3BB00-2AB2	T4	0... +60°C	24V / max.410 mA	24 V
Scalance XB213-3 ST	6GK5213-3BB00-2TB2	T4	0... +60°C	24V / max.410 mA	24 V
Scalance XB213-3 SC	6GK5213-3BD00-2AB2	T4	0... +60°C	24V / max.410 mA	24 V
Scalance XB213-3 SC	6GK5213-3BD00-2TB2	T4	0... +60°C	24V / max.410 mA	24 V
Scalance XB213-3 SC LD	6GK5213-3BF00-2AB2	T4	0... +60°C	24V / max.400 mA	24 V
Scalance XB213-3 SC LD	6GK5213-3BF00-2TB2	T4	0... +60°C	24V / max.400 mA	24 V
Scalance XB004-1	6GK5004-1BD00-1AB2	T4	-10... +60°C	24V dc / max.105 mA 24V ac 50/60 Hz max. 230 mA	24 V
Scalance XB004-1LD	6GK5004-1BF00-1AB2	T4	-10... +60°C	24V dc / max.95 mA 24 V ac 50/60 Hz max. 210 mA	24 V
Scalance XB004-2	6GK5004-2BD00-1AB2	T4	-10... +60°C	24V dc / max.165 mA 24 V ac 50/60 Hz max. 350 mA	24 V
Scalance XB005	6GK5005-0BA00-1AB2	T4	-10... +60°C	24V dc / max.65 mA 24 V ac 50/60 Hz max. 150 mA	24 V
Scalance X310	6GK5310-0FA00-2AA3	T4	-40... +60°C	24V / max.400 mA	24 V
Scalance X310	6GK5310-0FA10-2AA3	T4	-40... +60°C	24V / max.400 mA	24 V
Scalance X310FE	6GK5310-0BA00-2AA3	T4	-40... +60°C	24V / max.400 mA	24 V
Scalance X310FE	6GK5310-0BA10-2AA3	T4	-40... +60°C	24V / max.400 mA	24 V
Scalance X308-2	6GK5308-2FL00-2AA3	T4	-10... +60°C	24V / max.400 mA	24 V
Scalance X308-2	6GK5308-2FL10-2AA3	T4	-10... +60°C	24V / max.400 mA	24 V
Scalance X308-2LD	6GK5308-2FM00-2AA3	T4	-40... +60°C	24V / max.400 mA	24 V
Scalance X308-2LD	6GK5308-2FM00-2AA3	T4	-40... +60°C	24V / max.400 mA	24 V
Scalance X308-2LH	6GK5308-2FN00-2AA3	T4	-40... +60°C	24V / max.400 mA	24 V
Scalance X308-2LH	6GK5308-2FN10-2AA3	T4	-40... +60°C	24V / max.400 mA	24 V
Scalance X308-2M PoE	6GK5308-2QG00-2AA2	T4	-40... +60°C	24V / max.2 A	24 V
Scalance X308-2LH+	6GK5308-2FP00-2AA3	T4	-40... +60°C	24V / max.400 mA	24 V
Scalance X308-2LH+	6GK5308-2FP10-2AA3	T4	-40... +60°C	24V / max.400 mA	24 V
Scalance X307-3	6GK5307-3BL00-2AA3	T4	-10... +60°C	24V / max.400 mA	24 V
Scalance X307-3	6GK5307-3BL10-2AA3	T4	-10... +60°C	24V / max.400 mA	24 V
Scalance X307-3LD	6GK5307-3BM00-2AA3	T4	-40... +60°C	24V / max.400 mA	24 V
Scalance X307-3LD	6GK5307-3BM10-2AA3	T4	-40... +60°C	24V / max.400 mA	24 V
Scalance X304-2 FE	6GK5304-2BD00-2AA3	T4	-40... +60°C	24V / max. 260 mA	24 V
Scalance X306-1LD FE	6GK5306-1BF00-2AA3	T4	-40... +60°C	24V / max.200 mA	24 V
Scalance XR324-12M	6GK5324-0GG00-1AR2	T4	-40... +70°C	24V / max.1.8 A	24 V
Scalance XR324-12M TS	6GK5324-0GG00-1CR2	T4	-40... +70°C	24V / max.1.8 A	24 V
Scalance XR324-12M	6GK5324-0GG00-1HR2	T4	-40... +70°C	24V / max.1.8 A	24 V
Scalance XR324-4M PoE	6GK5324-4QG00-1AR2	T4	-40... +60°C	24V / max. 4.2 A	24 V
Scalance XR324-4M PoE TS	6GK5324-4QG00-1CR2	T4	-40... +60°C	24V / max. 4.2 A	24 V
Scalance XR324-4M PoE	6GK5324-4QG00-1HR2	T4	-40... +60°C	24V / max. 4.2 A	24 V
Scalance XR324-4M EEC	6GK5324-4GG00-1ER2	T4	-40... +70°C	24V / max. 1.6 A	24 V
Scalance XR324-4M EEC	6GK5324-4GG00-2ER2	T4	-40... +70°C	24V / max. 1.6 A	24 V
Scalance XR324-4M EEC	6GK5324-4GG00-1JR2	T4	-40... +70°C	24V / max. 1.6 A	24 V
Scalance XR324-4M EEC	6GK5324-4GG00-2JR2	T4	-40... +70°C	24V / max. 1.6 A	24 V
Scalance XR552-12M	6GK5552-0AA00-2AR2	T4	0 ... +60°C	24 V / max. 12.5 A	24 V

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Scalance XR552-12M	6GK5552-0AR00-2AR2	T4	0 ... +60°C	24 V / max. 12.5 A	24 V
Scalance XR552-12M	6GK5552-0AA00-2HR2	T4	0 ... +60°C	24 V / max. 12.5 A	24 V
Scalance XR552-12M	6GK5552-0AR00-2HR2	T4	0 ... +60°C	24 V / max. 12.5 A	24 V
Scalance XR528-6M	6GK5528-0AA00-2AR2	T4	0 ... +60°C	24 V / max. 11.5 A	24 V
Scalance XR528-6M	6GK5528-0AR00-2AR2	T4	0 ... +60°C	24 V / max. 11.5 A	24 V
Scalance XR528-6M	6GK5528-0AA00-2HR2	T4	0 ... +60°C	24 V / max. 11.5 A	24 V
Scalance XR528-6M	6GK5528-0AR00-2HR2	T4	0 ... +60°C	24 V / max. 11.5 A	24 V
Scalance XR524-8C	6GK5524-8GS00-2AR2	T4	-40 ... +70C	24 V / max. 1 A	24 V
Scalance XR524-8C	6GK5524-8GR00-2AR2	T4	-40 ... +70C	24 V / max. 1 A	24 V
Scalance XR526-8C	6GK5526-8GS00-2AR2	T4	0 ... +70C	24 V / max. 1.5 A	24 V
Scalance XR526-8C	6GK5526-8GR00-2AR2	T4	0 ... +70C	24 V / max. 1.5 A	24 V
Scalance E MM991-4	6GK5991-4AB00-8AA0	T4	-40... +60°C	--	--
Scalance MM991-4LD	6GK5991-4AC00-8AA0	T4	-40... +60°C	--	--
Scalance MM992-4	6GK5992-4AL00-8AA0	T4	-40... +60°C	--	--
Scalance MM992-4LD	6GK5992-4AM00-8AA0	T4	-40... +60°C	--	--
Scalance MM992-4LH	6GK5992-4AN00-8AA0	T4	-40... +60°C	--	--
Scalance MM992-4LH+	6GK5992-4AP00-8AA0	T4	-40... +60°C	--	--
Scalance MM992-4ELH	6GK5992-4AQ00-8AA0	T4	-40... +60°C	--	--
Scalance MM992-4SFP	6GK5992-4AS00-8AA0	T4	-40... +60°C	--	--
Scalance E MM992-4CU	6GK5992-4SA00-8AA0	T4	-40... +60°C	--	--
Scalance E MM992-4CUC	6GK5992-4GA00-8AA0	T4	-40... +60°C	--	--
Scalance E MM992-4POE	6GK5992-4QA00-8AA0	T4	-40... +60°C	--	--
Scalance MM992-4POEC	6GK5992-4RA00-8AA0	T4	-40... +60°C	--	--
SFP993-1	6GK5993-1AT00-8AA0	T4	-40... +60°C	--	--
SFP993-1	6GK5993-1AT10-8AA0	T4	0... +60°C	--	--
SFP993-1LD	6GK5993-1AU00-8AA0	T4	-40... +60°C	--	--
SFP993-1LD	6GK5993-1AU10-8AA0	T4	0... +60°C	--	--
SFP993-1LH	6GK5993-1AV00-8AA0	T4	-40... +60°C	--	--
Scalance X308-2M	6GK5308-2GG00-2AA2	T4	-40... +70°C	24V / max.500 mA	24 V
Scalance X308-2M TS	6GK5308-2GG00-2CA2	T4	-40... +70°C	12-24V / max.1.4 A	12-24 V
Scalance MM991-2	6GK5991-2AB00-8AA0	T4	-40... +70°C	--	--
Scalance MM991-2LD	6GK5991-2AC00-8AA0	T4	-40... +70°C	--	--
Scalance MM991-2 (SC)	6GK5991-2AD00-8AA0	T4	-40... +70°C	--	--
Scalance MM991-2LH+ (SC)	6GK5991-2AE00-8AA0	T4	-40... +70°C	--	--
Scalance MM991-2LD (SC)	6GK5991-2AF00-8AA0	T4	-40... +70°C	--	--
Scalance MM992-2	6GK5992-2AL00-8AA0	T4	-40... +70°C	--	--
Scalance MM992-2 TS	6GK5992-2AL00-8FA0	T4	-40... +70°C	--	--
Scalance MM992-2LD	6GK5992-2AM00-8AA0	T4	-40... +70°C	--	--
Scalance MM992-2LH	6GK5992-2AN00-8AA0	T4	-40... +70°C	--	--
Scalance MM992-2LH+	6GK5992-2AP00-8AA0	T4	-40... +70°C	--	--
Scalance MM992-2ELH	6GK5992-2AQ00-8AA0	T4	-40... +70°C	--	--
Scalance MM992-2FSP	6GK5992-2AS00-8AA0	T4	-40... +70°C	--	--
Scalance MM992-2CUC	6GK5992-2GA00-8AA0	T4	-40... +70°C	--	--
Scalance MM992-2CUC TS	6GK5992-2GA00-8FA0	T4	-40... +70°C	--	--
Scalance MM992-2CU	6GK5992-2SA00-8AA0	T4	-40... +70°C	--	--
Scalance MM992-2 M12 Giga	6GK5992-2HA00-0AA0	T4	-40... +70°C	--	--
Scalance MM991-2FM	6GK5991-2AB01-8AA0	T4	-40... +70°C	--	--
Scalance MM991-2P	6GK5991-2AH00-8AA0	T4	-40... +70°C	--	--
Scalance MM992-2VD	6GK5992-2VA00-8AA0	T4	-40... +70°C	--	--
Scalance M812-1	6GK5812-1AA00-2AA2	T4	0... +60°C	12 … 24V / max.8 W	24 V
Scalance M812-1	6GK5812-1BA00-2AA2	T4	0... +60°C	12 … 24V / max.8 W	24 V
Scalance M816-1	6GK5816-1AA00-2AA2	T4	0... +60°C	12 … 24V / max.8 W	24 V
Scalance M816-1	6GK5816-1BA00-2AA2	T4	0... +60°C	12 … 24V / max.8 W	24 V
ScalanceM 826-2	6GK5826-2AB00-2AB2	T4	-40... +70°C	12 … 24V / max.8 W	24 V
Scalance M874-2	6GK5874-2AA00-2AA2	T4	-20... +60°C	12 … 24V / max.670 mA	24 V

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Scalance M874-3	6GK5874-3AA00-2AA2	T4	-20... +60°C	12 … 24V / max.670 mA	24 V
Scalance M876-3	6GK5876-3AA02-2BA2	T4	-20... +60°C	12 … 24V / max.670 mA	24 V
Scalance M876-3	6GK5876-3AA02-2EA2	T4	-20... +60°C	12 … 24V / max.670 mA	24 V
Scalance M876-4	6GK5876-4AA02-2BA2	T4	-20... +60°C	12 … 24V / max.670 mA	24 V
Scalance M876-4	6GK5876-4AA02-2DA2	T4	-20... +60°C	12 … 24V / max.670 mA	24 V
SFP991-1	6GK5991-1AD00-8AA0	T4	-40... +60°C	--	--
SFP991-1LD	6GK5991-1AF00-8AA0	T4	-40... +60°C	--	--
SFP991-1LH+	6GK5991-1AE00-8AA0	T4	-40... +60°C	--	--
SFP991-1ELH200	6GK5991-1AE30-8AA0	T4	-40... +60°C	--	--
SFP992-1	6GK5992-1AL00-8AA0	T4	-40... +60°C	--	--
SFP992-1+	6GK5992-1AG00-8AA0	T4	0... +60°C	--	--
SFP992-1LD	6GK5992-1AM00-8AA0	T4	-40... +60°C	--	--
SFP992-1LH	6GK5992-1AN00-8AA0	T4	-40... +60°C	--	--
SFP992-1LH+	6GK5992-1AP00-8AA0	T4	-40... +60°C	--	--
SFP992-1ELH	6GK5992-1AQ00-8AA0	T4	-40... +60°C	--	--
Scalance X320-2LD	6GK5320-3BF00-2AA3	T4	-40... +60°C	24V / max.500 mA	24 V
Scalance X320-1FE	6GK5320-1BD00-2AA3	T4	-40... +60°C	24V / max.420 mA	24 V
Scalance X307-2EEC	6GK5307-2FD00-1EA3	T4	-40... +70°C	max. 0.5A / 24V max. 0.3A / 48V	24 V/48 V
Scalance X307-2EEC	6GK5307-2FD00-2EA3	T4	-40... +70°C	max. 0.5A / 24V max. 0.3A / 48V	24 V/48 V
Scalance X307-2EEC	6GK5307-2FD00-1GA3	T4	-40... +70°C	max. 0.5A / 24V max. 0.3A / 48V	24 V/48 V
Scalance X307-2EEC	6GK5307-2FD00-2GA3	T4	-40... +70°C	max. 0.5A / 24V max. 0.3A / 48V	24 V/48 V
Scalance X302-7EEC	6GK5302-7GD00-1EA3	T4	-40... +70°C	max. 0.8A / 24V max. 0.4A / 48V	24 V/48 V
Scalance X302-7EEC	6GK5302-7GD00-2EA3	T4	-40... +70°C	max. 0.8A / 24V max. 0.4A / 48V	24 V/48 V
Scalance X302-7EEC	6GK5302-7GD00-1GA3	T4	-40... +70°C	max. 0.8A / 24V max. 0.4A / 48V	24 V/48 V
Scalance X302-7EEC	6GK5302-7GD00-2GA3	T4	-40... +70°C	max. 0.8A / 24V max. 0.4A / 48V	24 V/48 V
Network Components					
OMC TP11	6GK1100-2AB00	T4	0... +60°C	24V / max.100 mA	24 V
OMC TP11-LD	6GK1100-2AC00	T4	0... +60°C	24V / max.100 mA	24 V
ELS TP40	6GK1102-6AA00	T4	0... +60°C	-----	24 V
ELS TP40M	6GK1102-6AB00	T4	0... +60°C	-----	24 V
ELS TP80	6GK1102-7AA00	T4	0... +60°C	-----	24 V
OSM ITP62	6GK1105-2AA10	T4	0... +60°C	24V / max.100 mA	24 V
OSM TP62	6GK1105-2AB10	T4	0... +60°C	24V / max.100 mA	24 V
OSM ITP62-LD	6GK1105-2AC10	T4	0... +60°C	24V / max.100 mA	24 V
OSM ITP53	6GK1105-2AD10	T4	0... +60°C	24V / max.100 mA	24 V
OSM TP22	6GK1105-2AE00	T4	0... +60°C	24V / max.100 mA	24 V
ESM ITP80	6GK1105-3AA10	T4	0... +60°C	24V / max.100 mA	24 V
ESM TP80	6GK1105-3AB10	T4	0... +60°C	24V / max.100 mA	24 V
OSM TP40	6GK1105-3AC00	T4	0... +60°C	24V / max.100 mA	24 V
OSM BC08	6GK1105-4AA00	T4	0... +55°C	24V / max.100 mA	24 V
OBT Optical Bus Terminal	6GK1500-3AA00	T4	0... +60°C	-----	24 V
OBT	6GK1500-3AA10	T4	0... +60°C	-----	24 V
Bus Terminal 12M	6GK1500-0AA10	T6	0... +60°C	24V / max.180 mA	24 V
OLM / P11	6GK1503-2CA00	T4	0... +60°C	24V / max.200 mA	24 V
OLM / P12	6GK1503-3CA00	T4	0... +60°C	24V / max.200 mA	24 V
OLM / P22	6GK1503-4CA00	T4	0... +60°C	24V / max.200 mA	24 V
OLM / G11	6GK1503-2CB00	T4	0... +60°C	24V / max.200 mA	24 V
OLM / G11-1300	6GK1503-2CC00	T4	0... +60°C	24V / max.200 mA	24 V
OLM / G12	6GK1503-3CB00	T4	0... +60°C	24V / max.200 mA	24 V
OLM / G12-EEC	6GK1503-3CD00	T4	-20... +60°C	24V / max.200 mA	24 V

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OLM / G12-1300	6GK1503-3CC00	T4	0... +60°C	24V / max.200 mA	24 V
OLM / G22	6GK1503-4CB00	T4	0... +60°C	24V / max.200 mA	24 V
LOGO! CSM12/24	6GK7177-1MA10-0AA0	T4	0... +55°C	12-24V / max.200 mA	24 V
LOGO! CSM12/24	6GK7177-1MA20-0AA0	T4	0... +55°C	12-24V / max.200 mA	24 V
LOGO! CMR2020	6GK7142-7BX00-0AX0	T4	-20... +70°C	12-24V / max.850 mA	24 V
LOGO! CMR2040	6GK7142-7EX00-0AX0	T4	-20... +70°C	12-24V / max.850 mA	24 V
IE/PB-Link PNIO	6GK1411-5AB10	T4	0... +60°C	24V / max.270 mA	24 V
CP5711	6GK1571-1AA00	T4	0... +60°C	5V / max.500 mA 24V / max.300 mA	24 V

The Suffix –a denotes any letter or number referring to non-electrical properties as product associates, language, delivery packing, documentation etc.