

CERTIFICATE

(1) Type Examination

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

(3) Type Examination Certificate Number: **KEMA 07ATEX0145 X** Issue Number: **60**

(4) Equipment: **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 equipment 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 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. 217882200.

(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 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 IIC T6 or T4 Gc

This certificate is issued on 12 February 2015 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.

DEKRA Certification B.V.

R. Schuller
Certification Manager

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(13) **SCHEDULE**

(14) **to Type Examination Certificate KEMA 07ATEX0145 X**

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

(16) **Test Report**

No. 217882200.

(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 60079-15, 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 119 V.

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

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 217882200.

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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 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 | 6GK5100-4AV00-2FA2 | T4 | -40... +70°C | 12-48V / max.80 mA | 48 V |
| Scalance XC100-4OBR SM SC | 6GK5100-4AV00-2FA2 | T4 | -40... +70°C | 12-48V / max.80 mA | 48 V |
| Scalance XC100-4OBR SM SC (2x2) | 6GK5100-4AV00-2DA2 | T4 | -40... +70°C | 12-48V / max.80 mA | 48 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 |
| 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 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 |

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| 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 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 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 |

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| 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 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 |
| 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 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 | -- | -- |

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| 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 | -- | -- |
| SFP993-1LD | 6GK5993-1AU00-8AA0 | T4 | -40... +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 |
| 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 ROK | 6GK5876-3AA02-2EA2 | 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 | -- | -- |
| SFP992-1LD | 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 | 6GK5320-3BF00-2AA2 | T4 | -40... +60°C | 24V / max.500 mA | 24 V |
| Scalance X320-1FE | 6GK5320-1BD00-2AA2 | 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 |

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| 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 |
| 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! 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 |
| 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.