

Type Approval Certificate Extension

This is to certify that Certificate No. 01/20044 (E6) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER Siemens AG
IIA AS R&D ST Type Test
Werner-von-Siemens-Strasse 50
92224 Amberg
Germany

PLACE OF PRODUCTION Siemens AG
Manufacturing Karlsruhe
Östliche Rheinbrückenstr. 50
76187 Karlsruhe
Germany

DESCRIPTION Industrial communication

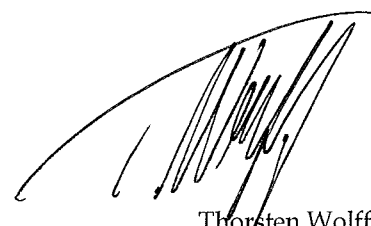
TYPE SIMATIC NET

Comprising the following modules:

OBT	6GK1 500
BT	6GK1 500
OSM	6GK1 105
ESM	6GK1 105
OLM	6GK1 503

Scalance	6GK5 104-2	6GK5 106-1	6GK5 108
	6GK5 204	6GK5 206	6GK5 208
	6GK5 302	6GK5 306	6GK5 320
	6GK5 324	6GK5 528	
	6GK5 744	6GK5 788	6GK5 414
	6GK5 491	6GK5 492	6GK5 495

Certificate No. 01/20044 (E7)
Issue Date 13 June 2013
Expiry Date 17 October 2016
Sheet 1 of 4



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Hamburg Design Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

TYPE CONTINUATION

Scalance	6GK5 496	6GK5 202-2 IRT
	6GK5 101	6GK5 408
Scalance W786	6GK5 786	EAP-W1-RJ-E1 EAP-W1-RJ-I1 EAP-W2-RJ-E2 EAP-W2-RJ-I2 EAP-W3-RJ-E3 EAP-W1-MM-E1 EAP-W1-MM-I1 EAP-W2-MM-E2 EAP-W2-MM-I2 EAP-W3-MM-E3
S30122-X8000-X47	AP2650	EAP-W2-RJ-I2
S30122-X8000-X48	AP2660	EAP-W2-RJ-E2
Scalance X005:	6GK5 005	
Scalance X124:	6GK5 112, 6GK5 116, 6GK5 124	
Scalance X224:	6GK5 212, 6GK5 216, 6GK5 224	
Scalance X310:	6GK5 307, 6GK5 308, 6GK5 310	
Scalance W784:	6GK5 784	
Media modules:	6GK5 991, 6GK5 992, 6GK5 993	
Security Modules	6GK5 612, 6GK5 613, 6GK5 602	
Power Supply (PS)	6GK5 791	
Modular Outlet	6GK1 901	
IE/PB Link	6GK1 411	
CSM module	6GK7 277, 6GK 377	
Communication module	S7 1200 CM	6GK7 242 6GK7 243

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Sheet 2 of 4




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APPLICATION	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2 and ENV3 as defined in Lloyd's register's Type Approval System, Test Specification Number 1 - 1996.
DESIGN CODE	Manufacturer's specification
OTHER CONDITIONS	<p>Where Scalance, Power Supply, Modular Outlet and IE/PB Link is used on the bridge or open deck, these modules are to be connected to the filter, which has the following characteristic: I= 3A, C= 2 x 0.47µF + 2 x 4700pF, L= 4 x 4,7mH.</p> <p>Security Modules 6GK5 612/613/602 are only to be used with Ferrit 24V DC Type: 742 712 22 (Würth)</p> <p>Scalance 6GK5 744/788/W786, AP2650 and AP2660 are only to be used in an environment where the wireless LAN communication does not interfere with other equipment or systems.</p> <p>Installation:</p> <ul style="list-style-type: none">- OSM/ESM: Installation only with S7-300 profile rail or wall mounting- Scalance 6GK5 744/788/414/491/492/495/496/786/784: Installation only with S7-300 profile rail or wall mounting possible.- Modular Outlet: Installation with mounting rail 35mm or wall mounting possible.- Scalance 6GK5 104-2, 106-1, 108, 204-2, 206-1, 208, 202-2 IRT, 204 IRT, 101, 005, 112, 116, 124, 212, 216, 224, 307, 308, 310: Installation with S7-300 profile rail or mounting rail 35mm or wall mounting possible.- IE/PB Link: Installation only with S7-300 profile rail.- Power supply: Installation with S7-300 profile rail, mounting rail 35mm or wall mounting possible.- OLM: Installation with mounting rail 35mm- Scalance 6GK5 408: Installation with S7-300 profile rail or mounting rail 35mm.

Certificate No.	01/20044 (E7)
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Sheet	3 of 4



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"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. HDS/ETS 28343-13 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 01/20044 (E6) to which this extension should be attached.

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Sheet	4 of 4



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