



TYPE APPROVAL CERTIFICATE
No. ELE054322XG

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Programmable logic controller
<i>Type</i>	PLC SIMATIC S7-300
<i>Applicant</i>	Siemens AG - DI FA SIMATIC TYPE TEST WERNER - VON SIEMENS STR. 50 92224 Amberg GERMANY
<i>Manufacturer</i>	SIEMENS AG - AMBERG
<i>Place of manufacture</i>	Werner Von Siemens Str. 50 D-92224 Amberg GERMANY
<i>Reference standards</i>	Rules for the classification of ships.- Part C - Machinery, systems and fire protection. - Ch.3, Sect. 6, Table 1.

Issued in **HAMBURG** on **March 29, 2022**. *This Certificate is valid until* **March 28, 2027**

RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

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PLC SIMATIC S7-300

Product Description :

Type	Order no.	Designation	
Power Supply Modules	6ES7 307-1BA01-0AA0	SIMATIC PS307, 120/230VAC/DC24V/2A	
	6ES7 307-1EA01-0AA0	SIMATIC PS307, 120/230VAC/DC24V/5A	
	6ES7 307-1KA02-0AA0	SIMATIC PS307, 120/230VAC/DC24V/10A	
Interface Modules	6ES7 174-0AA10-0AA0	IM174	
	6ES7 360-3AA01-0AA0	IM360	
	6ES7 361-3CA01-0AA0	IM361	
Central Processing Modules	6ES7 365-0BA01-0AA0	IM365	
	6ES7 312-1AE14-0AB0	CPU312	
	6ES7 312-5BF04-0AB0	CPU312C	
	6ES7 313-5BG04-0AB0	CPU313C	
	6ES7 313-6BG04-0AB0	CPU313C-2 PTP	
	6ES7 313-6CG04-0AB0	CPU313C-2 DP	
	6ES7 314-1AG14-0AB0	CPU314	
	6ES7 314-6BH04-0AB0	CPU314C-2 PTP	
	6ES7 314-6CH04-0AB0	CPU314C-2 DP	
	6ES7 314-6EH04-0AB0	CPU314C-2 PN/DP	
	6ES7 315-2AH14-0AB0	CPU315-2 DP	
	6ES7 315-2EH14-0AB0	CPU315-2 PN/DP	
	6ES7 315-7TJ10-0AB0	CPU315T-3 PN/DP	
	6ES7 317-2AK14-0AB0	CPU317-2 DP	
	6ES7 317-2EK14-0AB0	CPU317-2 PN/DP	
	6ES7 317-7TK10-0AB0	CPU317T-3 PN/DP	
	6ES7 318-3EL01-0AB0	CPU319-3 PN/DP	
	Simulator Module	6ES7 374-2XH01-0AA0	SM374
	Digital Input Modules	6ES7 321-1BH02-0AA0	SM321
		6ES7 321-1BH10-0AA0	SM321
6ES7 321-1BH50-0AA0		SM321	
6ES7 321-1BL00-0AA0		SM321	
6ES7 321-1BP00-0AA0		SM321	
6ES7 321-1CH00-0AA0		SM321	
6ES7 321-1CH20-0AA0		SM321	
6ES7 321-7BH01-0AB0		SM321	
6ES7 321-1EL00-0AA0		SM321	
6ES7 321-1FF01-0AA0		SM321	
6ES7 321-1FF10-0AA0		SM321	
6ES7 321-1FH00-0AA0		SM321	
Digital Output Modules		6ES7 322-1BF01-0AA0	SM322
		6ES7 322-1BH01-0AA0	SM322
		6ES7 322-1BH10-0AA0	SM322
		6ES7 322-1BL00-0AA0	SM322
		6ES7 322-1BP00-0AA0	SM322
	6ES7 322-1BP50-0AA0	SM322	
	6ES7 322-5GH00-0AB0	SM322	
	6ES7 322-5HF00-0AB0	SM322	
	6ES7 322-8BF00-0AB0	SM322	
	6ES7 322-1CF00-0AA0	SM322	

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Type	Order no.	Designation
Digital Output Modules (continuous)	6ES7 322-1FF01-0AA0	SM322
	6ES7 322-1FH00-0AA0	SM322
	6ES7 322-1FL00-0AA0	SM322
	6ES7 322-1HF01-0AA0	SM322
	6ES7 322-1HF10-0AA0	SM322
	6ES7 322-1HH01-0AA0	SM322
	6ES7 322-5FF00-0AA0	SM322
Digital Input/Output Modules	6ES7 323-1BH01-0AA0	SM323
	6ES7 323-1BL00-0AA0	SM323
	6ES7 327-1BH00-0AB0	SM327
Analog Input Modules	6ES7 331-1KF02-0AB0	SM331
	6ES7 331-7HF01-0AB0	SM331
	6ES7 331-7KB02-0AB0	SM331
	6ES7 331-7KF02-0AB0	SM331
	6ES7 331-7NF00-0AB0	SM331
	6ES7 331-7NF10-0AB0	SM331
	6ES7 331-7PE10-0AB0	SM331
	6ES7 331-7PF01-0AB0	SM331
	6ES7 331-7PF11-0AB0	SM331
	6ES7 338-4BC01-0AB0	SM338
	6ES7 332-5HB01-0AB0	SM332
	6ES7 332-5HD01-0AB0	SM332
	6ES7 332-5HF00-0AB0	SM332
	6ES7 332-7ND02-0AB0	SM332
Analog Output Modules	6ES7 334-0CE01-0AA0	SM334
	6ES7 334-0KE00-0AB0	SM334
	6ES7 335-7HG02-0AB0	SM335
Dummy Module	6ES7 370-0AA01-0AA0	DM370
	6ES7 340-1AH02-0AE0	CP340
Communication Modules	6ES7 340-1BH02-0AE0	CP340
	6ES7 340-1CH02-0AE0	CP340
	6ES7 341-1AH02-0AE0	CP341
	6ES7 341-1BH02-0AE0	CP341
	6ES7 341-1CH02-0AE0	CP341
	6ES7 341-1AH03-0AE0	FM350
	6ES7 350-2AH01-0AE0	FM350
Function Modules	6ES7 351-1AH02-0AE0	FM351
	6ES7 352-1AH02-0AE0	FM352
	6ES7 352-5AH01-0AE0	FM352
	6ES7 352-5AH11-0AE0	FM352
	6ES7 355-0VH10-0AE0	FM355
	6ES7 355-1VH10-0AE0	FM355
	6ES7 355-2CH00-0AE0	FM355
	6ES7 355-2SH00-0AE0	FM355



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PLC SIMATIC S7-300

Documents:

- S7-300 Manual;A5E00105505-AJ dated 06/2017

Test reports:

DEKRA Certification B.V.: - KEMA 99ATEX2671 X Issue 5 dated 12 March 2015;

Siemens: SIMATIC Type Test - 2021-11 dated 10.01.2021

Additional manufacturing location :

Siemens Industrial Automation Products Ltd.
Chengdu No. 99, Tian Yuan Road,
High Tech Zone West
611731 Chengdu City, Sichuan Province
P.R. CHINA

Siemens AG
Breslauer Strasse 5
90766 Fürth
Germany

Remarks:

- EC-Code: 31

- The Manufacturer's installation recommendation described in A5E00203919 dated 06/2003 regarding surge protection is to be considered.

- S7-300 Modules SM 321 (64 DI) and SM 322 (64 DO) are to be installed in an RF shielded enclosure with minimum 30 dB shielding in the range 156 - 165 MHz to satisfy the EMC requirements for radiated emissions.

- The equipment fulfils the EMC requirements for installation in General Power Distribution Zone only.

Installation of the units, as per manufacturer instruction.

- Depending on the Application, Factory Acceptance and On-board Tests are to be performed in accordance with requirements for Category II or III Equipment.

HAMBURG March 29, 2022