

(1) **TYPE EXAMINATION CERTIFICATE**

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

(3) Type Examination Certificate Number: **KEMA 09ATEX0064 X**

Issue Number: 1

(4) Equipment: **Power supplies Type 6ES7 307-1BA01-0AA0, Type 6ES7 307-1EA01-0AA0 and Type 6ES7 307-1KA02-0AA0**

(5) Manufacturer: **Siemens AG**

(6) Address: **Siemensstrasse 92 , 1211 Vienna, Austria**

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

(8) KEMA Quality 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. 212472900.

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

EN 60079-0 : 2006

EN 60079-15 : 2005

(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 II T4

This certificate is issued on 21 July, 2009 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.

KEMA Quality B.V.



C.G. van Es
Certification Manager



Page 1/3

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(13) **SCHEDULE**

(14) **to Type Examination Certificate KEMA 09ATEX0064 X**

Issue No. 1

(15) **Description**

The Power Supplies Type 6ES7 307-1BA01-0AA0, Type 6ES7 307-1EA01-0AA0 and Type 6ES7 307-1KA02-0AA0 are used to supply operating voltage to a AS300- Programmable Controller System or any 24 V loads for industrial application, like sensors, solenoids etc.

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**

KEMA No. 212472900.

(17) **Special conditions for safe use**

1. The Power Supplies Type 6ES7 307-1BA01-0AA0, Type 6ES7 307-1EA01-0AA0 and Type 6ES7 307-1KA02-0AA0 shall be installed in a suitable enclosure in accordance with EN60079-15, 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 40%.

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

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 212472900.

(13) **SCHEDULE**

(14) **to Type Examination Certificate KEMA 09ATEX0064 X**

Issue No. 1

Table 1

Description	Type/MLFB No.	Temp. code	Ambient Range	Technical Data	Supply Volt.
Power Supplies					
PS307 2A	6ES7 307-1BA01-0AA0	T4	0... +60°C	24Vdc / max. 2A	120 / 230 Vac
PS307 5A	6ES7 307-1EA01-0AA0	T4	0... +60°C	24Vdc / max. 5A	120 / 230 Vac
PS307 10A	6ES7 307-1KA02-0AA0	T4	0... +60°C	24Vdc / max. 10A	120 / 230 Vac