



Certificate of Compliance

Certificate: 2371894

Master Contract: 209817

Project: 70204510

Date Issued: 2018-11-27

Issued to: Siemens AG Oesterreich
Simea / Halle 14
Siemensstrasse 90
Wien, Oesterreich, 1210
AUSTRIA

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: *Eric Fortier*
Eric Fortier

PRODUCTS

CLASS - C531111 - POWER SUPPLIES-Component Type (CSA 60950-1-07-2nd Ed)

CLASS - C531191 - POWER SUPPLIES-Component Type (UL 60950-1-2nd Ed) Certified to U.S. Stds

- Component type DIN rail switching mode power supply for built-in use* Class I, models and rating as follow:

6EP1331-5BA10; Input: 100-230Vac; 0.63-0.31A; 50/60Hz or 120-230Vdc; Output: 24Vdc; 1,3A

6EP1331-5BA00; Input: 100-230Vac; 0.29-0.18A; 50/60Hz or 120-230Vdc; Output: 24Vdc; 0,6A

6EP1321-5BA00; Input: 100-230Vac; 0.63-0.31A; 50/60Hz or 120-230Vdc; Output: 12Vdc; 2,0A

6EP1332-5BA00; Input: 100-230Vac; 1.21-0.67A; 50/60Hz or 120-230Vdc; Output: 24Vdc; 2,5A

6EP1332-5BA10; Input: 100-230Vac; 2.25-1.15A; 50/60Hz or 120-230Vdc; Output: 24Vdc; 4,0A

6EP1332-5BA20; Input: 100-230Vac; 1.88-0.95A; 50/60Hz or 120-230Vdc; Output: 24Vdc; 3,7A

6EP1322-5BA10; Input: 100-230Vac; 1.60-0.80A; 50/60Hz or 120-230Vdc; Output: 12Vdc; 6,5A

6EP3331-7wx0y-0AXz; Input: 120-230Vac; 0.63-0.34A; 50-60Hz or 120-240Vdc; Output: 24Vdc; 1.3A



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6EP3321-7wx0y-0AXz; Input: 120-230Vac; 0.5-0.3A; 50-60Hz or 120-240Vdc; Output: 12Vdc; 2A

6EP3332-7wx0y-0AXz; Input: 120-230Vac; 1.21-0.67A; 50-60Hz or 120-240Vdc; Output: 24Vdc; 2.5A

Note: (*)

1. Markings as above appear on each unit and/or documentation.
2. Evaluation in Hazardous location was not part of this evaluation, such location approval must be deleted from the CSA marking label.
3. The unit has been certified as component where the suitability of the combination with the end use product shall be re-evaluated.
4. The power supplies are class I. The power supplies shall be properly bonded to the main protective bonding termination in the end product.
5. This units do not provide a disconnect device, one must be provided and evaluated in the end-product.
6. The transformer T1201 for the models 6EP1331-5BA10; 6EP1331-5BA00; 6EP1321-5BA00 provides insulation is rated class B and provides in addition an UL insulation system (OBJY2).
7. The transformer T1201 for the models 6EP1332-5BA10; 6EP1332-5BA00; 6EP1322-5BA10, 6EP1332-5BA20, 6EP3321-7wx0y-0AXz, 6EP3331-7wx0y-0AXz, 6EP3332-7wx0y-0AXz provides reinforced insulation, is rated class F and provides in addition an UL insulation system (OBJY2)
8. A suitable Mechanical, Electrical and Fire enclosure shall be provided in the end equipment.
9. The product has been evaluated for use in a pollution degree 2 and overvoltage category II environment with a maximum altitude of 2000m.
10. The models 6EP1332-5BA10; 6EP1322-5BA10 were tested for a maximum ambient of 55°C at 100% load and following derating conditions: 3,5% I_{anom} / K above 55°C up to max. 70°C (47.5% load)
11. The model 6EP1332-5BA20 was tested for a maximum ambient of 50°C with 100% load and following derating conditions: 3,5% I_{anom} / K above 50°C up to max. 70°C.
12. The models 6EP1331-5BA00 (24Vdc @ 0.6A) was tested for a maximum ambient of 70°C at 100% load
13. The models 6EP1331-5BA10 (24Vdc @ 1.3A) was tested for a maximum ambient of 60°C at 100% load and following derating conditions: (24Vdc @ 1.2A) at 70°C
14. The models 6EP1321-5BA00 (12Vdc @ 2A) was tested for a maximum ambient of 60°C at 100% load and following derating conditions: (12Vdc @ 1.6A) at 70°C
15. The models 6EP1332-5BA00 (24Vdc @ 2.5A) was tested for a maximum ambient of 60°C at 100% load and following derating conditions: (24Vdc @ 2.1A) at 70°C
16. The model 6EP3331-7wx0y-0AXz: was tested for a maximum ambient of 70 °C with 100 % load.
The model 6EP3321-7wx0y-0AXz: was tested for a maximum ambient of 70 °C with 100 % load.
The model 6EP3332-7wx0y-0AXz: was tested for a maximum ambient of 60 °C with 100 % load and -1,2 % output current per K above 60 °C (max. 70 °C)
17. The term w = S or U; x = B or C; y = 0 or 1; z = 0 or 1 are not safety relevant.

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 60950-1-07 + Am1:2011 + Am2: 2014 - Information Technology Equipment - Safety - Part 1: General Requirements

ANSI/UL 60950-1-2014 - Information Technology Equipment - Safety -

Part 1: General Requirements



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70204510	2018-11-27	c/CSA/us report 2371894 update for the addition of 3 models; 6EP3331-7wx0y-0AXz, 6EP3321-7wx0y-0AXz and 6EP3332-7wx0y-0AXz for use in ordinary locations as built in. Models are compliant to Standards: CSA Standard C22.2 No. 60950-1-07 + Am1:2011+ Am2:2014 / UL 60950-1-2014.
70092612	2016-09-29	Certification report update for the partial testing of certain models under a higher ambient temperature and update of critical components list. Units complies with stds CAN/CSA-C22.2 No. 60950-1-07 + Am1 + Am2 and UL Std. 60950-1 (2nd Edition) + Am1 + Am2.
70022042	2015-02-17	Major Alt. construction of 3 DIN rail SMPS
2545078	2012-09-06	CSA c/us Certification report update for the addition of DC input voltage ranging from 120-230Vdc. Addition of model 6EP1332-5BA20. Update to newest stds ; CAN/CSA-C22.2 No. 60950-1-07 + Am1 and UL Std. 60950-1 (2nd Edition) + Am1.
2451840	2011-10-14	CSA C/US Certification report update (-2371894) for the addition of 3 component type DIN rail SMPS, models; 6EP1332-5BA00, 6EP1332-5BA10 and 6EP1322-5BA10.
2371894	2010-12-03	Original CSA c/us certification of 3 component type power supplies, models: 6EP1331-5BA10, 6EP1331-5BA00 & 6EP1321-5BA00 under CSA 60950-1-07 and UL 60950-1 (2nd Ed).