



Certificate of Compliance

Certificate: 70036126 (170351)

Master Contract: 170351

Project: 70036126

Date Issued: 2015-06-25

Issued to: **Bel Fuse Inc.**
206 Van Vorst St
Jersey City, New Jersey 07302
USA
Attention: Editha S. Vergara

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: *Juan-Carlos Olivera*
Juan-Carlos Olivera,
MSc.

PRODUCTS

CLASS – 5311 11 - POWER SUPPLIES - Component Type (CSA 60950-1-07-2nd Ed)

CLASS – 5311 91 - POWER SUPPLIES - Component Type (UL 60950-1-2nd Ed) - Certified to U.S. Stds

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.

Component type power supplies intended for use with Information Technology and Business Equipment, where the suitability of the combination is to be determined by CSA Group.

Power Supply, Models CPA550-4530, CPA500-4530, CPA500-S202 and CPA500-S245. Model name may be followed by “C” indicating PCB coating, “A” for faceplate without Power-One logo, “L” for output latch, “F” for neutral fuse, “G” indicating RoHS version or SXXX or combinations of the different options (where X is alphanumeric character that denotes customer specific changes that do not impact safety requirements). Models are rated as follows:



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Model	Input Volts			Output (DC)		
	Range	Hz	A	V	A	Total W
CPA550-4530	100-240 V ac	50-60	8	5.0 3.3 12.0 -12.0	50 60 12 4	550 W with 300 LFM airflow
CPA500-4530, CPA500-S245	100-240 V ac	50-60	8	5.0 3.3 12.0 -12.0	50 60 12 4	500 W with 300 LFM airflow
CPA500-S202	100-240 V ac	50-60	8	5.0 3.3 12.0 -12.0	50 60 12 4	550 W with 300 LFM airflow

Note: The 300 LFM air is the average exit air from the unit.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 60950-1-07,
+Am.1:2011 +Am.2:2014
UL 60950-1-2014

- Information Technology Equipment - Safety - Part 1: General Requirements
- Information Technology Equipment - Safety - Part 1: General Requirements

CONDITIONS OF ACCEPTABILITY

1. All secondary output circuits are SELV, and are not hazardous energy levels except for V1 output. It was determined that under fault conditions, SELV limits were maintained.
2. The input and output connectors are not acceptable for field connections, and are only intended for connection to mating connectors of internal wiring inside the end-use equipment. The acceptability of these and the mating connectors relative to secureness, insulating materials, and temperature shall be considered.
3. The equipment has been evaluated for use in a Pollution Degree 2 environment.
4. A suitable electrical, fire and mechanical enclosure shall be provided.
5. The manufacturer's recommended maximum ambient operating temperature is 50°C.
6. The maximum working voltage present, primary circuit to protective earth, is 296 V rms, 388 V pk. The Electric Strength Tests in the end product shall be based on this value.
7. This unit was investigated as Class I equipment. The power supply shall be properly bonded to the main protective earthing termination in the end product.



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8. Magnetic devices (e.g. transformers TR101, TR151, TR301) employ an electrical insulation system designated Class F.
9. The protective earthing pin does not make first and break later than the supply pin connections (Sub-clause 2.6.5.4). This must be taken into consideration when this power supply is installed in the end-use product.



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
70036126	2015-06-25	Power Supply, Models CPA550-4530, CPA500-4530, CPA500-S202 and CPA500-S245. (C/US) (transferred from 173688 - 2237849 and upgraded to include Am2).