



Certificate of Compliance

Certificate: 70045768

Master Contract: 170351

Project: 70045768

Date Issued: 2015-09-08

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.

AC/DC Switching Power Supplies, Model MAP130 Series; open-frame type, rated Input: 110 V ac, 3.3A or 230 V ac, 1.8A, 50/60 Hz; output rating specified as follows:

Electrical Ratings

Model	Output #1		Output #2		Output #3		Output #4		Max. Output Power W
	V dc	A	V dc	A	V dc	A	V dc	A	
MAP130-1005	5	26	-	-	-	-	-	-	130
1012	12 or 15	12 or 10	-	-	-	-	-	-	150
1024	24 or 28	6.25 or 5.4	-	-	-	-	-	-	150
4000	-12	1	-5	1	12	5	5	20	130



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4001	5	20	24	3.5	12	1	-12	1	130
4002	12	1	-12	1	12	5	5	20	130
4003	-15	1	-5	1	15	4	5	20	130
4004	5	20	24	3.5	15	1	-15	1	130
4010	-12	3	-5	1	12	5	5	20	130
4020	5	20	12	5	-12	1	5	3	130

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. The power supply is to be installed only by trained service personnel, according to manufacturer installation instructions.
2. Evaluated as Class I (earthed equipment). The power supply shall be properly bonded to the main protective earthing terminal in the end system.
3. Evaluated for an operating ambient temperature of 50 °C; external airflow of minimum 23 cfm is required in the end system when used in ambient between 25°C and 50°C.
4. A suitable FIRE, MECHANICAL and ELECTRICAL enclosure is to be provided in the end system.
5. All secondary output circuits for all models are SELV.
6. The input and output connectors are not acceptable for field wiring; they are only intended for connection to mating connectors of internal wiring inside the end system.



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
70045768	2015-09-08	AC/DC Switching Power Supplies, Model MAP130 Series. (C/US) (transferred from 173688 - 2244685 and upgraded to include Am1 and Am2).