Certificate of Compliance

Certificate: 80126696 **Master Contract:** 170351

Project: 80126696 **Date Issued:** 2022-05-06

Issued To: **Bel Fuse Inc.**
206 Van Vorst St
Jersey City, New Jersey, 07302
United States

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: *Michael Tang*
Michael Tang

C US

PRODUCTS

CLASS - C531167 - POWER SUPPLIES Component Type(CSA 62368-1)
CLASS - C531197 - POWER SUPPLIES - Component Type (UL 62368-1) - Component Type (UL 62368-1) - Certified to US Stds

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.

Switching Power Supply, Models ABC400-1012, ABC400-1024, ABC400-1048 and ABC400-S314; may be followed by suffix C or CG indicating conformal coating, G indicating ROHS compliance or SXXX or SXXXG, where X is an alpha/numeric character denoting non safety critical options.

Electrical Rating:

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Model	Input			Output (DC)		Max. Output Power
	Vac	A	Hz	V	A	W
ABC400-1012	100-240	5.5	50-60	12	30	360 W with 6 CFM air cooling 120 W at convection cooling
ABC400-1024	100-240	6.5	50-60	24	17	408 W with 6 CFM air cooling 120 W at convection cooling
ABC400-1048	100-240	6.5	50-60	48	8.5	408 W with 6 CFM air cooling 120 W at convection cooling
ABC400-S314	100-240	6.5	50-60	52.8	7.5	396 W with 6 CFM air cooling 120 W at convection cooling

CONDITIONS OF ACCEPTABILITY:

1. Equipment shall be installed only by trained service personnel, according to the manufacturer installation instructions.
2. Evaluated for use at max 50ºC ambient temperature (Tmra), in a Pollution Degree 2 environment.
3. Temperature tests shall be performed for specific installation conditions in the end system.
4. Evaluated as Class I (earthed equipment). Reliable connection to Protective Earth shall be provided in the end use installation.
5. Evaluated for connection to AC power with a branch circuit protector rated max 20 A.
6. Evaluated for connection to TN (including TN-S and TN-C) and TT power distribution systems.
7. Suitable disconnect devices for disconnecting the equipment from power for servicing are to be provided in the end system.
8. Spacings were evaluated for an operating altitude of max 3048 m (10,000 ft), based on IEC-60664-1 altitude correction factors.
9. Suitability of the enclosure provided with the equipment as a FIRE, MECHANICAL and ELECTRICAL enclosure is to be determined in the end system.
10. The secondary outputs are ES1 at PS3. Accessibility is to be determined in the end system.
11. The Input & Output connectors are not suitable for field wiring; they are only intended for connection to the mating connectors in the end system.
12. The unit was evaluated with external forced air cooling of 6 CFM, and with convection cooling only airflow direction from Input to Output.

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 62368-1:19 - Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements

ANSI/UL 62368-1, 3rd Ed. - Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements

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Notes:

Products certified under Class C531167 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

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
80126696	2022-05-06	Component Power Supply, Models ABC400-1012, ABC400-1024, ABC400-1048 and ABC400-S314 (upgrade CSA 70040695 to 62368-1) (CSA c/us) - based NEMKO CB report 404718