



Certificate of Compliance

Certificate: 80011580

Master Contract: 170351

Project: 80011580

Date Issued: 2019-07-30

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: Jason Cleary
Jason Cleary



PRODUCTS

CLASS - C531167 - POWER SUPPLIES - Component Type(CSA 62368-1)

CLASS - C531197 - POWER SUPPLIES - Component Type (ANSI/UL 62368-1) - Cert to U.S. 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.

AC/DC Switching Power Supply, Models SPAFFIV-03G and FCP400-12G, maybe followed by alpha-numeric characters indicating non-safety critical options.

Electrical Rating:

Models	Input			Maximum Output (DC)	
	V (ac)	A	Hz	V	A



Certificate: 80011580
Project: 80011580

Master Contract: 170351
Date Issued: 2019-07-30

SPAFFIV-03G	90-240	6-2.5	50-60	12	33.3
				12	0.7
FCP400-12G	100-240	6-2.5	50-60	12	33.3
				12	0.7

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 55°C ambient temperature (T_{mra}), in a Pollution Degree 2 environment.
3. Evaluated as Class I (earthed equipment). Reliable connection to Protective Earth shall be provided in the end use installation.
4. Appliance inlet for the detachable power supply cord is considered the main disconnect device.
5. Spacings were evaluated for an operating altitude of max 3000 m, based on IEC-60664-1 altitude correction factors.
6. Suitability of the enclosure provided with the equipment as a FIRE, MECHANICAL and ELECTRICAL enclosure is to be determined in the end system. Front panel meets the requirements of FIRE, MECHANICAL and ELECTRICAL enclosure.
7. The secondary output of PSU is Electrical energy source class 1 (ES1).
8. The secondary output of PSU is Power source class 3 (PS3).
9. Magnetic devices (e.g., transformer, inductor) employ an UL Unlisted Component (OBJY3), Electrical Insulation System.
10. Equipment is not intended for use in vehicles, on board ships or aircraft.
11. Installation instructions and equipment markings related to safety shall be provided in a language acceptable in the country in which the equipment is to be installed.

APPLICABLE REQUIREMENTS

- CAN/CSA-C22.2 No. 62368-1:14 - Audio/video, information and communication technology equipment – Part 1: Safety requirements
- UL 62368-1 2nd Ed. - Audio/video, information and communication technology equipment – Part 1: Safety requirements



Supplement to Certificate of Compliance

Certificate: 80011580

Master Contract: 170351

*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
80011580	2019-07-30	AC/DC Switching Power Supply, Models SPAFFIV-03G and FCP400-12G (CSA c/us) (upgrade 70034637 to 62368-1)