



# Certificate of Compliance

**Certificate:** 80048567

**Master Contract:** 170351

**Project:** 80131764

**Date Issued:** 2022-07-04

**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:** *Regenald Macaranas*  
Regenald Macaranas



## **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.

Converter, Model PET750-12-050ND, model number may be followed by alpha numeric characters indicating non-safety critical options.

Electrical Rating: Input: -40 to -72Vdc, 25A

Output: V1: 12 Vdc, 62 A Max.; V2: 5Vdc, 3A Max., total output power 759W.

**Conditions of Acceptability:**

The following must be evaluated at end use:

- 1) The power supply is to be installed only by trained service personnel, according to manufacturer installation instructions
- 2) Temperature tests shall be considered for specific installation conditions in the end system.
- 3) Basic insulation is provided between input to output and input to chassis. T1 transformer and isolating optocouplers meet reinforced spacings.
- 4) Suitability of the equipment enclosure as, Electrical and Fire Enclosure is to be determine in the end use installation.
- 5) All secondary output circuits are at ES1 limits. The V1:12V output is considered to be at hazardous energy level (PS3). Accessibility is to be determined in the end system.
- 6) Evaluated as Class I (earthed equipment), Reliable connection to protective earth shall be provided in the end use installation
- 7) The output connector is suitable for hot swappable and not acceptable for field connection, only intended for connection to a mating connector inside the end system.
- 8) The input terminal block is suitable for field and factory wiring.
- 9) The Connector Current Interruption Test was performed on the output connector for 200 cycles (insertion/withdrawal). Testing for additional cycles shall be determined during the end product evaluation, depending on end product application.
- 10) The unit was tested per manufacturer's recommended rated input voltage with zero tolerance.
- 11) The temperature of the isolating transformers T1 and T4 employ an OBJY3 electrical insulation system designated Class F. Isolating transformer T2 has Class A insulation system.

**APPLICABLE REQUIREMENTS**

CAN/CSA C22.2 No. 62368-1-19	- Audio/video, information and communication technology equipment – Part 1: Safety requirements
UL 62368-1 3 <sup>rd</sup> Ed.	- Audio/video, information and communication technology equipment – Part 1: Safety requirements

**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](http://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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80131764	2022-07-04	Update CSA Report 80048567 (PET750-12-050ND) to add alternate Bel P/N for transformers due to alternate insulation system, and add alternate sources of components
80048567	2020-07-10	Converter, Model PET750-12-050ND (CSA c/us) (upgrade 70163756 to 62368-1)