



Certificate of Compliance

Certificate: 70196623 **Master Contract:** 170351
Project: 80228125 **Date Issued:** 2024-10-02
Issued to: **Bel Fuse Inc.**
300 Executive Drive
Suite 300
West Orange, New Jersey 07052
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: *Mike Liew*
Mike Liew, P. Eng.

PRODUCTS

Class 5311 67 POWER SUPPLIES - Component Type (CSA 62368-1)
Class 5311 97 POWER SUPPLIES - Component Type (UL 62368-1) - Certified to US Stds

AC-DC / DC-DC Converters.

Model number may be followed by alpha numeric characters indicating non-safety critical operations.

Model(s)
TET4000-48-069RA, TET4000-48-069RAS441, TET4000-48-069RAH, TET4000-48-069RAS510, TET4800-48-069RA

Electrical Rating:

Model	Input			Output (DC)	
	V	A	Hz	V	A
TET4000-48-069RA	200-250	25	50/60	V1: 48-58V	83 max.



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	100-127	25	50/60	V2: 12V	5
	Maximum operating ambient: 55°C			45°C at full load, 55°C at V1 de-rated load	
TET4000-48-069RAS441	200-250	25	50/60	V1: 54.5V	73 max.
				V2: 12V	5
	Maximum operating ambient: 55°C			45°C at full load, 55°C at V1 de-rated load	
TET4000-48-069RAH, TET4000-48-069RAS510	200-277 Vac	25	50/60	V1: 48-58V	83 max.
	100-127 Vac	25	50/60	V2: 12V	5
	240-380 Vdc	22	—	—	—
	Maximum operating ambient: 55°C			45°C at full load, 55°C at V1 de-rated load	
TET4800-48-069RA	200-277 Vac	28	50/60	V1: 48-58V	100 max.
	100-127 Vac	28	50/60	V2: 12V	4
	240-380 Vdc	24	—	—	—
	Maximum operating ambient: 55°C			45°C at full load, 55°C at V1 de-rated load	

APPLICABLE REQUIREMENTS

CSA C22.2 No. 62368-1:19+Upd.1 (Third Edition) - Audio/video, information and communication technology equipment — Part 1: Safety requirements - Third Edition; Update No. 1: October 2021

UL 62368-1:2019 - Third Edition - UL Standard for Safety Audio/video, information and communication technology equipment – Part 1: Safety requirements - Including revisions through October 22, 2021



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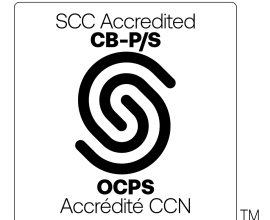
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Notes:

Products certified under Class(es) C531167, C531197 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
80228125	2024-10-02	Update CSA Report 70196623 (TET4000) to add alternate insulation system for transformer (T2) with same construction, add alternate component sources for other components and report correction. - based on acceptance of data under the CPC / CTF-3 program
80110834	2021-12-21	Update CSA 70196623 (TET4000) to add new model TET4800-48-069RA, add alternate component sources, and add alternate Bel P/N on auxiliary/standby transformers due to alternate insulation system - based on acceptance of data from CPC program
80103546	2021-10-27	Update CSA 70196623 (TET4000) to add alternate transformers - new P/N on the auxiliary and power transformers due to alternate insulation system; - add alternate component sources;
80032259	2020-02-12	Update CSA Report 70196623 to include models TET4000-48-069RAH and TET4000-48-069RAS510, and upgrade to CSA/UL 62368-1 (3.0) - testing conducted under the CPC program
80016629	2019-09-03	Update CSA Report 70196623 to revise transformer base material
70196623	2018-09-12	AC-DC Converter, Models TET4000-48-069RA, TET4000-48-069RAS441 (CSA c/us)