Certificate of Compliance

Certificate: 80029536 **Master Contract:** 170351

Project: 80132094 **Date Issued:** 2022-06-29

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

C US

PRODUCTS

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

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.

Model TET2200-12-086ND, TET2200-12-086RD, TET2500-12-086ND, TET2500-12-086RD model name may be followed by alpha numeric characters indicating non-safety critical options.

© 2018 CSA Group. All rights reserved.

Electrical Rating:

Model	Input (DC)		Output (DC)		Max. Operating Ambient
	V	A	V	A	°C
TET2200-12-086ND TET2200-12-086RD	-48 to -60	52	V1: 12Vdc	183	55°C
			Vsb: 12Vdc	3.5	
TET2500-12-086ND TET2500-12-086RD	-48 to -60	60	V1: 12.3Vdc	203	45°C ambient with V1 at full load; 55°C ambient with V1 derated to 183 A. V1 load linearly derated above 45°C to 55°C ambient

Conditions of Acceptability:

1) The power supply is to be installed only by trained service personnel.
2) Evaluated as Class I (earthed equipment). Reliable earth connection shall be provided in the end use installation. The bond impedance test was performed at 160 A for 6 minutes as specified by the manufacturer.
3) Supply cord is not part of the evaluation, suitability of the supply cord for DC supply shall be consider at the end product application.
4) Evaluated for use in a Pollution Degree 2 environment, up to 5000m altitude,
5) Temperature tests shall be considered for specific installation conditions in the end system.
6) Suitability of the equipment enclosure as a Fire, Mechanical, Electrical Enclosure is to be determined in the use installation. Front panel has been evaluated and meets fire, electrical and mechanical enclosure.
7) All outputs circuits are ES1, PS3.
8) The input connector is suitable for field wiring.
9) The output card edge is suitable for the mating connector.
10) The Connector Current Interruption Test for TET2200 Series was performed on the output card edge for 200 cycles (insertion/withdrawal). Refer to Bel Model TET2200-12-086NA, CSA Report No. 80021587. Testing for additional cycles shall be determined during the end product evaluation, depending on end product application.
The Connector Current Interruption Test for TET2500 Series was performed on the output card edge for 200 cycles (insertion/withdrawal) with mating connector. Testing for additional cycles shall be determined during the end product evaluation, depending on end product application.
11) Safety isolating transformer T201, T202 and T1701employ an insulation system designated Class F, T203 and T204 designated Class A, evaluated to UL 1446.
12) The unit was tested per manufacturer's recommended input voltage with -40 to -72Vdc tolerance.
13) The unit meets basic safeguard from input to output and input to P.E./GND.

© 2018 CSA Group. All rights reserved.

Certificate: 80029536
Project: 80132094

Master Contract: 170351
Date Issued: 2022-06-29

APPLICABLE REQUIREMENTS

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

© 2018 CSA Group. All rights reserved.

Supplement to Certificate of Compliance

Certificate: 80029536 **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
80132094	2022-06-29	Update CSA 80029536 to add models TET2500-12-086ND, TET2500-12-086RD - based on acceptance of data under the CPC program
80120517	2022-03-29	Update CSA 80029536 (TET2200) to include alternate auxiliary transformer with different TIW wire, add alternate PWB sources, and upgrade approval to CAN/CSA C22.2 No. 62368-1-19 and UL 62368-1 - based on acceptance of data under the CPC program
80029536	2020-01-08	Component Power Supply, Models TET2200-12-086ND and TET2200-12-086RD (CSA c/us)

© 2018 CSA Group. All rights reserved.