



Certificate of Compliance

Certificate: 70137083

Master Contract: 170351

Project: 70137083

Date Issued: 2017-05-10

Issued to: Bel Fuse Inc.
206 Van Vorst St
Jersey City, New Jersey 07302
USA
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: Juan-Carlos Olivera
Juan-Carlos Olivera, MSc.

PRODUCTS

CLASS – 5311 11 - POWER SUPPLIES - Component Type (CSA 60950-1-07-2nd Ed)

CLASS – 5311 91 - POWER SUPPLIES - Component Type (UL 60950-1-2nd Ed) - Certified 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.

DC-DC Converter

Model: 0RCY-65U03x, 0RCY-60U05x, 0RCY-60U06x, 0RCY-60U12x, 0RCY-75T15x, where x - May be any alphanumeric suffixes denoting non-safety related differences

May be followed by additional alpha-numeric suffixes denoting non-safety related differences.

Electrical Ratings:

0RCY-65U03x:

Input: 18-75Vdc, 5A

Output: 3.3Vdc, max. 20A, 66W



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ORCY-60U05x :

Input: 18-75Vdc, 4.8-1.12A

Output: 5.0Vdc, max. 15A, 75W

ORCY-60U06x :

Input: 18-75Vdc, 3.8-0.9A

Output: 6.0Vdc, max. 10A, 60W

ORCY-60U12x :

Input: 18-75Vdc, 6.7-1.6A

Output: 12Vdc, max. 7A, 84W

ORCY-75T15x :

Input: 36-75Vdc, 2.35A

Output: 15Vdc, max. 5A, 75W

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 60950-1-07,

+Am.1:2011 +Am.2:2014

UL 60950-1-2014

– Information Technology Equipment - Safety - Part 1: General Requirements

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CONDITIONS OF ACCEPTABILITY

When installed in an end-product, the following must be considered:

1. Fault testings were performed with an external fuse, UL listed, rated 8A, on the positive input. Additional testing maybe necessary if fuse is rated above 8 A.
2. Temperatures shall be monitored in the end use evaluation. Temperatures measured on the PWB shall not exceed 130°C.
3. These units were evaluated for basic insulation between input and output.
4. All outputs are SELV, non-hazardous energy level.
5. The power supply terminals and/or connectors are only suitable for factory wiring.
6. Suitable electrical, fire and mechanical enclosure must be provided at end use equipment.
7. The product was additionally evaluated for use at maximum baseplate temperature permitted by the manufacturer's specification of 113°C or maximum 85°C ambient. Forced air cooling may be required to maintain this limit and shall be evaluated in the end product.
8. The PWBs have been subjected to Thermal Cycling at 140°C based on the PWB rating (130°C) + 10°C.



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
70137083	2017-05-10	DC-DC Converter, Models 0RCY-65U03x, 0RCY-60U05x, 0RCY-60U06x, 0RCY-60U12x, 0RCY-75T15x. (C/US)