



Certificate of Compliance

Certificate: 70045766

Master Contract: 170351

Project: 70097016

Date Issued: 2016-09-06

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: *Maggie Lam*
Maggie Lam

PRODUCTS

CLASS - C531111 - POWER SUPPLIES-Component Type(CSA 60950-1-07-2nd Ed)

CLASS - C531191 - 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.

AC/DC Power Supply Shelf; Model LRS Series; Input A, B: 100-240V ac, 50-60 Hz, 4.8 A; Output: See below.

Model Nomenclature:

| | | | | |
|-----|------|------|-----|---|
| LRS | 20 - | 15 - | 901 | X |
| I | II | III | IV | V |

I - Model Series: LRS

II- Output Current:

05 = 5 A
06 = 6 A
10 = 10 A
12 = 12 A



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20 = 20 A

30 = 30 A

40 = 40 A

III- Nominal Output Voltage: 15= 12-16.5 V dc range, 15 V dc nominal
28= 24 - 33 V dc range, 28 V dc nominal
50 = 48 - 52 V dc range, 50 Vdc nominal

IV- Configuration: 9 xy

x 0- Bel Power Solutions & Protection
5- Thales logo on front panel

y 0- Non redundant system
1- Redundant system

V- Options Suffix X = Maybe followed by suffix letters and/or numbers denoting non-safety-critical options such as, ROHS compliant, customer number, etc.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 60950-1-07, +Am.1:2011 +Am.2:2014 – Information Technology Equipment - Safety - Part 1: General Requirements
UL 60950-1-2014 – Information Technology Equipment - Safety - Part 1: General Requirements

CONDITIONS OF ACCEPTABILITY

1. Equipment shall be installed only by trained service personnel, according to the end system installation instructions.
2. Evaluated for use at max 70°C ambient temperature (T_{mra}), in a Pollution Degree 2 environment.
3. Temperature tests shall be performed for specific installation conditions in the end system.
4. Evaluated as Class I (earthed equipment). Reliable connection to Protective Earth shall be provided in the end use installation.
5. Evaluated for connection to AC power with a branch circuit protector rated max 20 A.
6. Evaluated for connection to TN (including TN-S and TN-C) and TT power distribution systems.
7. Suitable disconnect devices for disconnecting the equipment from power for servicing are to be provided in the end system.
8. Suitability of the enclosure provided with the equipment as a FIRE, MECHANICAL and ELECTRICAL enclosure is to be determined in the end system.
9. The output circuits are SELV and operate at hazardous energy levels (> 240 VA).
10. The Input & Output connectors are suitable for field wiring.



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 |
|----------------|-------------|---|
| 70097016 | 2016-09-06 | Update Report 70045766 to include Models LRS06 and LRS12 Series. |
| 70045766 | 2015-09-08 | AC/DC Power Supply Shelf; Model LRS Series. (C/US) (transferred from 173688 - 2629565 and upgraded to include Am2). |